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Modeling of Stationary Air Pollution Sources in the
Central and Western Kern County Oil Fields
Task Report. Volume II: Appendices

SRI International, Menlo Park, CA

Prepared for

Environmental Protection Agency, Washington, DC

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Task Report — Volume II: Appendices

January 1979

By: Patricia B. Simmon, Research Meteorologist
F. L. Ludwig, Senior Research Meteorologist
Kenneth C. Nitz, Scientific Programmer/Analyst
Atmospheric Science Center

Prepared for:

U.S. Environmental Protection Agency
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Division of Stationary Source Enforcement

and for

U.S. Environmental Protection Agency, Region IX
215 Fremont Street
San Francisco, California 94105

Attn: Mr. Dana Becker

Contract No. 68-01-4137

SRI Project 5828, Task 7

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Approved:

Warren B. Johnson, Director
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CENTRAL KERN COUNTY EXISTING-CASE SOURCE INVENTORY

x-coor.	y-coor.	SO ₂ emission rate (g/s)	stack height (m)	stack diam. (m)	exit vel. (m/s)	temp. (°C)	SAI I.D.
28960.	190.	3.35	3.96	1.54	2.32	260.	STD 116 75
29000.	190.	3.35	3.96	1.54	2.32	260.	STD 117 75
28880.	250.	8.30	3.05	1.54	5.73	260.	STD 124 73
28880.	210.	8.30	3.05	1.54	5.73	260.	STD 125 73
28880.	170.	8.30	3.05	1.54	5.73	260.	STD 126 73
28880.	130.	8.30	3.05	1.54	5.73	260.	STD 127 73
28920.	250.	8.30	3.05	1.54	5.73	260.	STD 128 73
29020.	240.	8.30	3.05	1.54	5.73	260.	STD 129 73
28920.	170.	8.30	3.05	1.54	5.73	260.	STD 130 73
28920.	130.	8.30	3.05	1.54	5.73	260.	STD 131 73
26580.	570.	3.35	3.96	1.54	2.32	260.	OLF 1 75
27800.	580.	3.35	3.96	1.54	2.32	260.	OLF 2 75
27390.	20.	3.35	3.96	1.54	2.32	260.	OLF 3 75
27390.	0.	3.35	3.96	1.54	2.32	260.	OLF 4 75
28720.	-530.	3.35	3.96	1.54	2.32	260.	OLF 5 75
26610.	250.	3.35	3.96	1.54	2.32	260.	TEL 1 73
27390.	140.	5.36	3.05	1.54	5.73	260.	TEL 2 73
26690.	250.	5.36	3.05	1.54	5.73	260.	TEL 3 73
26730.	250.	5.36	3.05	1.54	5.73	260.	TEL 4 73
26770.	250.	5.36	3.05	1.54	5.73	260.	TEL 5 73
15530.	11240.	24.58	15.24	1.52	16.35	260.	SHL BGR 73
16245.	10515.	34.75	15.24	1.52	23.41	260.	SHL CGR 73
14830.	11220.	3.39	3.96	1.54	2.32	260.	SHL 24A 73
14890.	11260.	3.39	3.96	1.54	2.32	260.	SHL 25A 73
14930.	11220.	3.39	3.96	1.54	2.32	260.	SHL 26A 73
17290.	10500.	3.39	3.96	1.54	2.32	260.	SHL 28D 73
17000.	10430.	3.39	3.96	1.54	2.32	260.	SHL 29D 73
17370.	10500.	3.39	3.96	1.54	2.32	260.	SHL 30D 73
13390.	11220.	3.39	3.96	1.54	2.32	260.	SHL 31X 73
14890.	11260.	8.90	5.54	2.60	2.00	260.	SHL 81A 79
18460.	9660.	1.97	6.71	0.61	8.57	260.	SHL 88X 73
18420.	9660.	1.97	6.71	0.61	8.57	260.	SHL 89X 73
13430.	11220.	8.90	5.54	2.60	2.00	260.	SHL 91X 79

17472.	25280.	8.75	6.10	1.02	3.27	260.	SHL	1	73
17528.	25280.	8.75	6.10	1.02	3.27	260.	SHL	2	73
17472.	25320.	8.75	5.49	1.33	1.90	260.	SHL	3	73
17528.	25320.	8.75	5.49	1.33	1.90	260.	SHL	4	73
17760.	24400.	8.75	5.49	1.33	1.90	260.	SHL	5	73
17800.	24400.	8.75	5.49	1.33	1.90	260.	SHL	6	73
17840.	24400.	8.75	5.49	1.33	1.90	260.	SHL	7	73
17760.	24000.	8.75	5.49	1.33	1.90	260.	SHL	8	73
17800.	24000.	8.75	5.49	1.33	1.90	260.	SHL	9	73
17830.	23830.	8.75	5.49	1.33	1.90	260.	SHL	10	73
17160.	26660.	8.75	5.49	1.33	1.90	260.	SHL	11	75
17200.	26660.	8.75	5.49	1.33	1.90	260.	SHL	12	75
17240.	26660.	8.75	5.49	1.33	1.90	260.	SHL	13	75
17160.	26700.	8.75	5.49	1.33	1.90	260.	SHL	14	75
17200.	26700.	8.75	5.49	1.33	1.90	260.	SHL	15	75
17240.	26700.	8.75	5.49	1.33	1.90	260.	SHL	16	75
17160.	26740.	8.75	5.49	1.33	1.90	260.	SHL	17	75
17200.	26740.	8.75	5.49	1.33	1.90	260.	SHL	18	75
17240.	26740.	8.75	5.49	1.33	1.90	260.	SHL	19	75
17740.	23960.	8.77	5.54	2.60	2.00	260.	SHL	63	75
17780.	23960.	8.77	5.54	2.60	2.00	260.	SHL	64	75
17820.	23960.	8.77	5.54	2.60	2.00	260.	SHL	65	75
17860.	23960.	8.77	5.54	2.60	2.00	260.	SHL	66	75
17880.	22460.	8.77	5.54	2.60	2.00	260.	SHL	67	75
17920.	22460.	8.77	5.54	2.60	2.00	260.	SHL	68	75
17880.	22520.	8.77	5.54	2.60	2.00	260.	SHL	69	75
17920.	22520.	8.77	5.54	2.60	2.00	260.	SHL	70	75
17980.	25550.	1.97	6.71	.61	8.57	260.	SHL	71	73
18000.	25450.	1.97	6.71	.61	8.57	260.	SHL	72	73
18040.	25450.	1.97	6.71	.61	8.57	260.	SHL	73	73
18700.	21700.	1.97	7.62	.91	3.81	260.	OTH	4	73
18200.	20600.	1.97	7.62	.91	3.81	260.	OTH	5	73
18450.	20400.	1.97	7.62	.91	3.81	260.	OTH	6	73
10300.	24000.	1.97	7.62	.91	3.81	260.	OTH	7	73
10000.	23950.	3.35	3.96	1.54	2.32	260.	OTH	8	75
10450.	23400.	3.35	3.96	1.54	2.32	260.	OTH	9	75

10450.	23250.	3.35	3.96	1.54	2.32	260.	OTH	10	75
23330.	5440.	3.35	3.96	1.54	2.32	260.	GUL	2	73
17010.	6170.	2.75	3.96	1.54	2.32	260.	CWO	38	73
17010.	6130.	3.35	3.96	1.54	2.32	260.	CWO	39	73
18280.	6180.	2.75	3.96	1.54	2.32	260.	CWO	40	73
19175.	6840.	2.75	3.96	1.54	2.32	260.	CWO	41	73
18220.	6280.	1.95	7.62	.91	3.81	260.	CWO	48	73
17500.	6110.	1.95	7.62	.91	3.81	260.	CWO	49	73
17050.	6090.	1.70	7.62	.91	3.81	260.	CWO	50	73
18330.	6130.	1.70	7.62	.91	3.81	260.	CWO	51	73
17880.	9760.	2.40	3.96	1.54	2.32	260.	TEN	21	73
17880.	9720.	2.40	3.96	1.54	2.32	260.	TEN	22	73
17880.	9680.	2.98	3.96	1.54	2.32	260.	TEN	23	73
17880.	9640.	6.72	6.10	1.02	3.27	260.	TEN	24	74
13280.	10010.	2.98	3.96	1.54	2.32	260.	TEN	25	73
13260.	10270.	2.98	3.96	1.54	2.32	260.	TEN	26	73
13410.	10010.	2.98	3.96	1.54	2.32	260.	TEN	27	73
13280.	9970.	6.72	6.10	1.02	3.27	260.	TEN	28	73
14000.	7320.	2.98	3.96	1.54	2.32	260.	TEN	29	73
14120.	7320.	2.98	3.96	1.54	2.32	260.	TEN	30	73
14000.	7230.	2.98	3.96	1.54	2.32	260.	TEN	31	73
14120.	7230.	2.98	3.96	1.54	2.32	260.	TEN	32	73
14000.	7120.	1.20	7.62	.91	3.81	260.	TEN	33	73
15000.	10350.	2.98	3.96	1.54	2.32	260.	TEN	34	73
14900.	10350.	2.98	3.96	1.54	2.32	260.	TEN	35	73
14940.	10350.	2.98	3.96	1.54	2.32	260.	TEN	36	73
14980.	10350.	1.55	7.62	.91	3.81	260.	TEN	37	73
15000.	10310.	3.35	3.96	1.54	2.32	260.	TEN	38	73
14935.	10230.	6.72	3.70	1.02	3.27	260.	TEN	39	73
14030.	6780.	3.35	3.96	1.54	2.32	260.	TEN	40	73
19610.	6360.	1.95	7.62	.91	3.81	260.	TEN	42	73
9550.	12110.	3.15	3.96	1.54	2.32	260.	ARC	10	73
15560.	7230.	3.35	3.96	1.54	2.32	260.	GET	45	73
15600.	7230.	3.35	3.96	1.54	2.32	260.	GET	46	76
9250.	11020.	3.35	3.96	1.54	2.32	260.	GET	1	73
10310.	11920.	3.35	3.96	1.54	2.32	260.	GET	2	73

9250.	11160.	3.35	3.96	1.54	2.32	260.	GET	3	73
11600.	9400.	3.35	3.96	1.54	2.32	260.	GET	4	73
8600.	12230.	3.35	3.96	1.54	2.32	260.	GET	32	73
10290.	12540.	3.35	3.96	1.54	2.32	260.	GET	33	73
15400.	7230.	3.35	3.96	1.54	2.32	260.	GET	40	73
15230.	7080.	1.95	4.0	.91	3.81	260.	GET	41	73
15440.	7190.	1.95	7.62	.91	3.81	260.	GET	42	73
15480.	7190.	1.95	7.62	.91	3.81	260.	GET	43	73
15520.	7230.	3.35	3.96	1.54	2.32	260.	GET	44	73
14000.	11880.	3.35	3.96	1.54	2.32	260.	GET	47	73
15040.	11820.	3.35	3.96	1.54	2.32	260.	GET	48	73
12910.	9800.	3.35	3.96	1.54	2.32	260.	GET	49	73
13270.	10510.	3.35	3.96	1.54	2.32	260.	GET	50	73
13820.	9860.	3.35	3.96	1.54	2.32	260.	GET	51	73
13750.	10015.	3.35	3.96	1.54	2.32	260.	GET	52	73
13930.	9820.	3.35	3.96	1.54	2.32	260.	GET	53	73
14150.	10560.	3.35	3.96	1.54	2.32	260.	GET	54	73
14190.	10560.	3.35	3.96	1.54	2.32	260.	GET	55	73
14330.	10250.	3.35	3.96	1.54	2.32	260.	GET	56	73
14550.	10170.	3.35	3.96	1.54	2.32	260.	GET	57	73
14500.	9920.	3.35	3.96	1.54	2.32	260.	GET	58	73
14420.	9800.	3.35	3.96	1.54	2.32	260.	GET	59	73
14990.	9350.	3.35	3.96	1.54	2.32	260.	GET	60	73
15190.	9440.	3.35	3.96	1.54	2.32	260.	GET	61	73
15350.	10510.	3.35	3.96	1.54	2.32	260.	GET	62	73
15490.	10150.	3.35	3.96	1.54	2.32	260.	GET	63	73
15750.	10150.	3.35	3.96	1.54	2.32	260.	GET	64	73
15940.	9890.	3.35	3.96	1.54	2.32	260.	GET	65	73
16270.	10820.	3.35	3.96	1.54	2.32	260.	GET	66	73
16180.	10A65.	3.35	3.96	1.54	2.32	260.	GET	67	73
15580.	9320.	3.35	3.96	1.54	2.32	260.	GET	68	73
17160.	9400.	3.35	3.96	1.54	2.32	260.	GET	69	73
17290.	9670.	3.35	3.96	1.54	2.32	260.	GET	70	73
17290.	9630.	3.35	3.96	1.54	2.32	260.	GET	71	73
17290.	9590.	3.35	3.96	1.54	2.32	260.	GET	72	73
17460.	9910.	3.35	3.96	1.54	2.32	260.	GET	74	73

17230.	8920.	3.35	3.96	1.54	2.32	260.	GET	77	73
17140.	8470.	3.35	3.96	1.54	2.32	260.	GET	78	73
17250.	7990.	3.35	3.96	1.54	2.32	260.	GET	81	73
17640.	7820.	3.35	3.96	1.54	2.32	260.	GET	82	73
17870.	7750.	3.35	3.96	1.54	2.32	260.	GET	83	73
18440.	7790.	3.35	3.96	1.54	2.32	260.	GET	84	73
18170.	8380.	3.35	3.96	1.54	2.32	260.	GET	85	73
17910.	8690.	3.35	3.96	1.54	2.32	260.	GET	86	73
16310.	8730.	3.35	3.96	1.54	2.32	260.	GET	87	73
16380.	8800.	3.35	3.96	1.54	2.32	260.	GET	88	73
16420.	8800.	3.35	3.96	1.54	2.32	260.	GET	89	73
16420.	8840.	3.35	3.96	1.54	2.32	260.	GET	90	73
16250.	8200.	3.35	3.96	1.54	2.32	260.	GET	91	73
16090.	7700.	3.35	3.96	1.54	2.32	260.	GET	92	73
16030.	7625.	3.35	3.96	1.54	2.32	260.	GET	93	73
16070.	7620.	3.35	3.96	1.54	2.32	260.	GET	94	73
15470.	7760.	3.35	3.96	1.54	2.32	260.	GET	95	73
15470.	7720.	3.35	3.96	1.54	2.32	260.	GET	96	73
15510.	7720.	3.35	3.96	1.54	2.32	260.	GET	97	73
15350.	7940.	3.35	3.96	1.54	2.32	260.	GET	98	73
15650.	8230.	3.35	3.96	1.54	2.32	260.	GET	99	73
15230.	8500.	3.35	3.96	1.54	2.32	260.	GET	100	73
15350.	9090.	3.35	3.96	1.54	2.32	260.	GET	101	73
14710.	8920.	3.35	3.96	1.54	2.32	260.	GET	102	73
14970.	8430.	3.35	3.96	1.54	2.32	260.	GET	103	73
14210.	8350.	3.35	3.96	1.54	2.32	260.	GET	104	73
14010.	8350.	3.35	3.96	1.54	2.32	260.	GET	105	73
13710.	7910.	3.35	3.96	1.54	2.32	260.	GET	106	73
13770.	8320.	3.35	3.96	1.54	2.32	260.	GET	107	73
13860.	9110.	3.35	3.96	1.54	2.32	260.	GET	108	73
14165.	9165.	3.35	3.96	1.54	2.32	260.	GET	109	73
16230.	6620.	3.35	3.96	1.54	2.32	260.	GET	110	73
15490.	7450.	3.35	3.96	1.54	2.32	260.	GET	111	73
15660.	7090.	3.35	3.96	1.54	2.32	260.	GET	112	73
15360.	6920.	3.35	3.96	1.54	2.32	260.	GET	113	73
14850.	6640.	3.35	3.96	1.54	2.32	260.	GET	115	73

15380.	6450.	3.35	3.96	1.54	2.32	260.	GET	116	73
15340.	6280.	3.35	3.96	1.54	2.32	260.	GET	117	73
15680.	6030.	3.35	3.96	1.54	2.32	260.	GET	118	73
15810.	6400.	3.35	3.96	1.54	2.32	260.	GET	119	73
15850.	6380.	3.35	3.96	1.54	2.32	260.	GET	120	73
16310.	6030.	3.35	3.96	1.54	2.32	260.	GET	121	73
16150.	6830.	3.35	3.96	1.54	2.32	260.	GET	122	73
16230.	6810.	3.35	3.96	1.54	2.32	260.	GET	123	73
16150.	7430.	3.35	3.96	1.54	2.32	260.	GET	124	73
17530.	7260.	3.35	3.96	1.54	2.32	260.	GET	125	73
17410.	6630.	3.35	3.96	1.54	2.32	260.	GET	126	73
16900.	6555.	3.35	3.96	1.54	2.32	260.	GET	127	73
16720.	5790.	3.35	3.96	1.54	2.32	260.	GET	128	73
15780.	5190.	3.35	3.96	1.54	2.32	260.	GET	130	74
14280.	9150.	3.35	3.96	1.54	2.32	260.	GET	131	74
14270.	12140.	3.35	3.96	1.54	2.32	260.	GET	132	75
15540.	7910.	3.35	3.96	1.54	2.32	260.	GET	136	75
15560.	7880.	3.35	3.96	1.54	2.32	260.	GET	137	75
15560.	7840.	3.35	3.96	1.54	2.32	260.	GET	138	75
13930.	10650.	8.30	3.05	1.54	5.73	260.	GET	141	73
14400.	10525.	8.30	3.05	1.54	5.73	260.	GET	142	73
14470.	10080.	8.30	3.05	1.54	5.73	260.	GET	143	73
14240.	10370.	8.30	3.05	1.54	5.73	260.	GET	144	73
14280.	10370.	8.30	3.05	1.54	5.73	260.	GET	145	73
14170.	9890.	8.30	3.05	1.54	5.73	260.	GET	146	73
13720.	10080.	8.30	3.05	1.54	5.73	260.	GET	147	73
13720.	10040.	8.30	3.05	1.54	5.73	260.	GET	148	73
15920.	10450.	58.10	15.24	1.52	40.74	260.	GET	149	77
16590.	9440.	8.30	3.05	1.54	5.73	260.	GET	150	73
16630.	9440.	8.30	3.05	1.54	5.73	260.	GET	151	73
17480.	9370.	8.30	3.05	1.54	5.73	260.	GET	152	73
17710.	9700.	8.30	3.05	1.54	5.73	260.	GET	153	73
15820.	9230.	8.30	3.05	1.54	5.73	260.	GET	154	73
16250.	9045.	8.30	3.05	1.54	5.73	260.	GET	155	73
16320.	9040.	8.30	3.05	1.54	5.73	260.	GET	156	73
16250.	8160.	8.30	3.05	1.54	5.73	260.	GET	157	73

16290.	8160.	8.30	3.05	1.54	5.73	260.	GET 158	73
14970.	8520.	8.30	3.05	1.54	5.73	260.	GET 159	73
13890.	7970.	8.30	3.05	1.54	5.73	260.	GET 160	73
15520.	6760.	8.30	3.05	1.54	5.73	260.	GET 161	73
15560.	6760.	8.30	3.05	1.54	5.73	260.	GET 162	73
15890.	6870.	8.30	3.05	1.54	5.73	260.	GET 163	73
16150.	6590.	8.30	3.05	1.54	5.73	260.	GET 164	73
15760.	6550.	8.30	3.05	1.54	5.73	260.	GET 165	73
14000.	8870.	33.20	15.24	3.00	23.28	260.	GET 166	77
14050.	8870.	41.50	15.24	1.52	29.11	260.	GET 167	77
14270.	12180.	8.30	15.24	1.52	58.21	260.	GET 174	73
14950.	9820.	8.30	3.05	1.54	5.73	260.	GET 180	77
17620.	8080.	116.20	15.24	2.40	81.50	260.	GET 192	77
15420.	8830.	49.80	15.24	1.52	81.50	260.	GET 194	77
16630.	9480.	40.80	15.24	1.52	34.93	260.	GET 215	77
17550.	8360.	40.80	18.29	1.83	14.90	260.	GET 224	77
17590.	8360.	40.80	18.29	1.83	14.90	260.	GET 255	73
13885.	10325.	8.30	18.29	1.83	14.90	260.	GET 256	73
16210.	7330.	58.10	15.24	1.52	40.74	260.	GET 257	73
17260.	6830.	91.30	15.24	1.52	5.73	260.	GET 259	77
15350.	10470.	3.35	15.24	1.52	64.03	260.	GET 262	77
15860.	9270.	3.35	3.96	1.54	2.32	260.	GET 263	77
15440.	7230.	3.35	3.96	1.54	2.32	260.	GET 264	77
15610.	7260.	3.35	3.96	1.54	2.32	260.	GET 266	77
18130.	8380.	3.35	3.96	1.54	2.32	260.	GET 267	77
11330.	16220.	3.35	3.96	1.54	2.32	260.	GET 268	77
11000.	16500.	3.35	3.96	1.54	2.32	260.	GET 270	77
12000.	16500.	3.35	3.96	1.54	2.32	260.	NKF 1	73
13550.	7000.	1.95	3.96	1.54	2.32	260.	NKF 2	73
17220.	5000.	1.95	3.96	1.54	2.32	260.	ELD 1	73
27330.	830.	3.35	7.62	.91	3.81	260.	TMS 1	73
27400.	440.	3.35	3.96	1.54	2.32	260.	CHP 1	73
18780.	4500.	1.95	3.96	1.54	2.32	260.	OLF 1	73
20660.	3660.	1.95	7.62	.91	3.81	260.	OLF 2	73
15330.	4550.	3.35	7.62	.91	3.81	260.	TSS 1	73
			3.96	1.54	2.32	260.	EDC 1	73
							WSP 1	73

15330.	4440.	3.35	3.96	1.54	2.32	260.	WSP	2	73
16680.	6010.	1.95	7.62	.91	3.81	260.	RDS	3	73
17950.	4440.	3.35	3.96	1.54	2.32	260.	CTY 1	1	
7870.	16840.	3.35	3.96	1.54	2.32	260.	CTY 2	1	
10860.	16530.	3.35	3.96	1.54	2.32	260.	CTY 3	3	
10860.	16250.	3.35	3.96	1.54	2.32	260.	CTY 4	3	
13290.	16840.	3.35	3.96	1.54	2.32	260.	CTY 5	3	
17040.	5470.	1.95	7.62	.91	3.81	260.	CHP 2	2	
10980.	13278.	2.95	3.96	1.46	2.57	260.	CHP 3	2	
11000.	13278.	8.11	6.10	2.63	1.96	260.	MOB 1	77	
11020.	13278.	0.59	8.53	0.46	15.24	260.	MOB 2	77	
10110.	10720.	0.59	8.53	0.46	15.24	260.	MOB 3	77	
10130.	10720.	2.95	8.53	0.46	15.24	260.	MOB 4	77	
10020.	13610.	8.11	3.96	1.46	2.57	260.	MOB 5	77	
10020.	13610.	8.11	6.10	2.63	1.96	260.	MOB 6	77	
9980.	13610.	0.59	8.53	0.46	15.24	260.	MOB 7	77	
10400.	13895.	2.95	3.96	1.46	2.57	260.	MOB 8	76	
10020.	13610.	2.95	3.96	1.46	2.57	260.	MOB 9	76	
10480.	23000.	7.85	4.72	1.54	5.73	260.	MOB 10	76	
10500.	23000.	7.85	4.72	1.54	5.73	260.	PTL 1	77	
10520.	23000.	7.85	4.72	1.54	5.73	260.	PTL 2	77	
18020.	7300.	8.30	6.71	1.54	5.73	260.	PTL 3	77	
18165.	7260.	51.55	6.71	1.54	5.73	260.	STD 46	73	
16600.	6330.	8.30	3.70	1.52	35.78	260.	STD GR3A	73	
17840.	6570.	8.30	6.71	1.54	5.73	260.	STD 52	75	
17880.	6570.	8.30	6.71	1.54	5.73	260.	STD 55	75	
17815.	6805.	8.30	6.71	1.54	5.73	260.	STD 56	75	
16620.	7380.	8.30	3.70	1.54	5.73	260.	STD 57	75	
16620.	6840.	3.35	3.81	1.54	2.32	260.	STD 61	75	
16620.	6350.	3.35	3.81	1.54	2.32	260.	STD 62	75	
14950.	7080.	3.35	3.81	1.54	2.32	260.	STD 63	75	
14680.	7300.	4.50	3.81	1.54	2.32	260.	STD 64	75	
16160.	4780.	3.35	15.24	3.36	6.40	60.	STD GRP5	75	
14715.	8035.	5.81	3.81	1.54	2.32	260.	STD 72	75	
14600.	7960.	3.35	3.81	1.54	2.32	260.	STD GRP3173	75	
14640.	7960.	3.35	3.81	1.54	2.32	260.	STD 82	75	
							STD 83	75	

16540.	8250.	3.35	3.81	1.54	2.32	260.	STD	87	75
16580.	8250.	3.35	3.81	1.54	2.32	260.	STD	88	75
16620.	8250.	3.35	3.81	1.54	2.32	260.	STD	89	75
16660.	8250.	3.35	3.81	1.54	2.32	260.	STD	90	75
16700.	8250.	3.35	3.81	1.54	2.32	260.	STD	91	75
16600.	7810.	8.30	6.71	1.54	5.73	260.	STD	92	75
16640.	7810.	8.30	6.71	1.54	5.73	260.	STD	93	75
9720.	13200.	3.35	3.81	1.54	2.32	260.	STD	106	75
7000.	11920.	3.35	3.81	1.54	2.32	260.	STD	107	75
17320.	5350.	4.00	15.24	3.17	6.40	60.	STD GRP9	77	
14460.	7000.	3.35	3.81	1.54	2.32	260.	STD	110	77
8850.	10670.	3.35	3.81	1.54	2.32	260.	STD	112	75
9250.	10280.	3.35	3.81	1.54	2.32	260.	STD	113	75
15000.	5730.	3.35	3.81	1.54	2.32	260.	STD	114	75
9900.	16850.	3.35	3.81	1.54	2.32	260.	STD	115	75
17760.	6570.	8.30	6.71	1.54	5.73	260.	STD	119	77
16540.	6880.	8.30	6.71	1.54	5.73	260.	STD	132	77
16580.	6880.	8.30	6.71	1.54	5.73	260.	STD	133	77
16620.	6880.	8.30	6.71	1.54	5.73	260.	STD	134	77
16660.	6880.	8.30	6.71	1.54	5.73	260.	STD	135	77
16700.	6880.	8.30	6.71	1.54	5.73	260.	STD	136	77
9630.	10040.	8.30	6.71	1.54	5.73	260.	STD	138	77
9710.	10000.	8.30	6.71	1.54	5.73	260.	STD	139	77
17305.	5500.	1.95	7.62	.91	3.81	260.	STD	182	77
17345.	5500.	1.95	7.62	.91	3.81	260.	STD	183	77
17385.	5500.	1.95	7.62	.91	3.81	260.	STD	184	77
17425.	5500.	1.95	7.62	.91	3.81	260.	STD	185	77
9390.	10180.	1.95	7.62	.91	3.81	260.	STD	186	77
9470.	10140.	1.95	7.62	.91	3.81	260.	STD	187	77
9550.	10080.	1.95	7.62	.91	3.81	260.	STD	188	77
17020.	6570.	8.30	6.71	1.54	5.73	260.	STD	189	77

x-coor.	y-coor.	emission rate (g/s)		stack height (m)	stack diam. (m)	exit vel. (m/s)	temp. (°C)	SAI
		SO ₂	TSP					I.D.
14600.	13200.	1.26	0.44	3.96	1.54	2.32	260.00	AND 1 80
8900.	22300.	1.40	0.49	3.96	1.54	2.32	260.00	AND 2 80
9550.	12110.	2.11	0.90	3.96	1.54	2.32	260.00	ARC 10 7
32500.	-2000.	3.39	0.85	3.96	1.54	2.32	260.00	BWO 401 78
18750.	4750.	0.19	0.75	3.96	1.54	2.32	260.00	CHA 19 80
17220.	5000.	1.95	0.49	7.62	0.91	3.81	260.00	CHP 1 7
17040.	5470.	1.95	0.49	7.62	0.91	3.81	260.00	CHP 2 78
30300.	-7300.	0.76	0.28	7.62	0.61	2.32	260.00	CHP 3 80
27500.	-500.	1.31	0.71	3.96	1.54	2.32	260.00	CSC 1 80
10040.	18200.	8.37	2.28	6.71	1.54	5.73	260.00	CTY 1 80
10860.	16530.	3.35	0.90	3.96	1.54	2.32	260.00	CTY 2 80
10860.	16250.	3.35	0.90	3.96	1.54	2.32	260.00	CTY 3 80
10500.	18200.	0.84	2.28	6.71	1.54	5.73	60.00	CTY 4 80
10520.	18200.	0.84	2.28	6.71	1.54	5.73	60.00	CTY 5 80
10500.	18220.	0.84	2.28	6.71	1.54	5.73	60.00	CTY 6 80
10700.	16520.	0.84	2.28	6.71	1.54	5.73	60.00	CTY 7 80
10700.	16420.	0.84	2.28	6.71	1.54	5.73	60.00	CTY 8 80
10700.	16340.	0.84	2.28	6.71	1.54	5.73	60.00	CTY 9 80
10700.	12620.	0.84	2.28	6.71	1.54	5.73	60.00	CTY 10 80
11220.	17200.	0.84	2.28	6.71	1.54	5.73	60.00	CTY 11 80
10560.	17500.	0.84	2.28	6.71	1.54	5.73	60.00	CTY 12 80
10560.	17440.	1.67	0.46	7.62	0.91	3.81	260.00	CTY 13 80
10500.	15500.	1.67	0.46	7.62	0.91	3.81	260.00	CTY 14 80
10500.	15520.	1.67	0.46	7.62	0.91	3.81	260.00	CTY 15 80
15000.	4700.	3.99	1.02	3.96	1.54	2.32	260.00	CWO 1 78
7000.	13000.	0.99	2.51	10.05	1.75	5.81	60.00	CWO 12 78
10800.	11200.	0.99	2.51	10.05	1.75	5.81	60.00	CWO 13 78
18500.	6000.	4.35	11.06	10.05	2.08	13.72	60.00	CWO GR3 78
18500.	6020.	9.87	2.51	6.71	1.54	2.32	260.00	CWO 2 78
18520.	6020.	2.35	0.60	3.83	0.67	8.57	260.00	CWO 3 78
18520.	6000.	2.35	0.60	3.83	0.67	8.57	260.00	CWO 4 78
18540.	6040.	3.99	1.02	3.96	1.54	2.32	260.00	CWO 5 78
18540.	6020.	2.35	0.60	3.83	0.67	8.57	260.00	CWO 8 78

18520.	2.35	0.60	3.83	0.67	8.57	260.00	CWO	9	78
17000.	6.13	15.61	10.05	2.47	13.72	60.00	CWO	GR4	78
17020.	2.35	0.60	3.83	0.67	8.57	260.00	CWO	6	78
17040.	2.35	0.60	3.83	0.67	8.57	260.00	CWO	7	78
17040.	2.35	0.60	3.83	0.67	8.57	260.00	CWO	10	78
17040.	2.35	0.60	3.83	0.67	8.57	260.00	CWO	11	78
18800.	0.14	0.43	7.62	0.91	17.1	237.00	DBL	1	80
18820.	1.17	2.49	7.62	0.91	17.1	237.00	DBL	2	80
22500.	1.37	0.48	7.62	0.91	3.81	260.00	EDC	1	7
22500.	0.46	0.16	7.62	0.61	4.28	260.00	EDC	2	7
12000.	2.59	0.90	3.96	1.54	2.32	260.00	ELD	1	7
13290.	2.59	0.90	3.96	1.54	2.32	260.00	ELD	2	7
20600.	0.32	1.11	3.96	1.54	2.32	60.00	EXX	1	80
12520.	0.64	0.22	7.62	0.61	2.32	260.00	FEN	1	78
21700.	0.32	0.74	3.96	1.54	2.32	60.00	GEH	1	80
19900.	0.12	0.28	3.96	1.54	2.32	60.00	GEH	2	80
9250.	2.59	1.18	3.96	1.54	2.32	260.00	GET	1	7
8710.	2.59	1.18	3.96	1.54	2.32	260.00	GET	2	7
9250.	2.59	1.18	3.96	1.54	2.32	260.00	GET	3	7
11600.	2.59	1.18	3.96	1.54	2.32	260.00	GET	4	7
14000.	2.59	1.18	3.96	1.54	2.32	260.00	GET	47	7
15040.	2.59	1.18	3.96	1.54	2.32	260.00	GET	48	7
12910.	2.59	1.18	3.96	1.54	2.32	260.00	GET	49	7
13270.	2.59	1.18	3.96	1.54	2.32	260.00	GET	50	7
15350.	2.59	1.18	3.96	1.54	2.32	260.00	GET	62	7
16270.	2.59	1.18	3.96	1.54	2.32	260.00	GET	66	7
16270.	2.59	1.18	3.96	1.54	2.32	260.00	GET	67	7
17160.	2.59	1.18	3.96	1.54	2.32	260.00	GET	69	7
17290.	2.59	1.18	3.96	1.54	2.32	260.00	GET	70	7
17290.	2.59	1.18	3.96	1.54	2.32	260.00	GET	71	7
17290.	2.59	1.18	3.96	1.54	2.32	260.00	GET	72	7
17460.	2.59	1.18	3.96	1.54	2.32	260.00	GET	73	7
17410.	2.59	1.18	3.96	1.54	2.32	260.00	GET	74	7
17460.	2.59	1.18	3.96	1.54	2.32	260.00	GET	75	7
17460.	2.59	1.18	3.96	1.54	2.32	260.00	GET	76	7
17230.	2.59	1.18	3.96	1.54	2.32	260.00	GET	77	7

17910.	8690.	2.59	1.18	3.96	1.54	2.32	260.00	GET	86	7
16310.	8730.	2.59	1.18	3.96	1.54	2.32	260.00	GET	87	7
16380.	8800.	2.59	1.18	3.96	1.54	2.32	260.00	GET	88	7
16590.	9440.	6.40	2.91	3.05	1.54	5.73	260.00	GET	150	7
16630.	9440.	6.40	2.91	3.05	1.54	5.73	260.00	GET	151	7
17480.	9370.	6.40	2.91	3.05	1.54	5.73	260.00	GET	152	7
17710.	9700.	6.40	2.91	3.05	1.54	5.73	260.00	GET	153	7
15820.	9230.	6.40	2.91	3.05	1.54	5.73	260.00	GET	154	7
16280.	9040.	6.40	2.91	3.05	1.54	5.73	260.00	GET	155	7
16320.	9040.	6.40	2.91	3.05	1.54	5.73	260.00	GET	156	7
16630.	9480.	37.83	17.19	18.29	1.83	14.90	260.00	GET	255	7
17550.	8360.	37.83	17.19	18.29	1.83	14.90	260.00	GET	256	7
17590.	8360.	37.83	17.19	18.29	1.83	14.90	260.00	GET	257	7
15310.	10510.	2.59	1.18	3.96	1.54	2.32	260.00	GET	264	7
17480.	9500.	6.40	2.91	3.05	1.54	5.73	260.00	GET	276	7
17480.	9520.	6.40	2.91	3.05	1.54	5.73	260.00	GET	277	7
16610.	9440.	6.40	2.91	3.05	1.54	5.73	260.00	GET	265	7
24500.	12800.	6.40	2.91	3.05	1.54	5.73	260.00	GET	353	81
24520.	12800.	6.40	2.91	3.05	1.54	5.73	260.00	GET	354	81
17000.	6500.	9.22	2.91	3.05	1.54	6.40	60.00	GET	GR	4A
16200.	7200.	7.44	42.00	15.24	5.52	6.40	60.00	GET	GR	4B
15250.	7200.	20.66	33.82	15.24	4.95	6.40	260.00	GET	GR	5A
15400.	6600.	8.21	9.40	15.24	2.60	6.40	60.00	GET	GR	5B
15150.	6000.	16.40	37.36	15.24	7.35	6.40	60.00	GET	GR	5C
14270.	12160.	139.58	74.56	15.24	6.79	6.40	260.00	GET	GR	19
16010.	10800.	44.80	63.47	15.24	3.85	6.40	260.00	GET	GR	20
12900.	9950.	44.80	20.37	15.24	3.85	6.40	260.00	GET	GR	25
16000.	10500.	65.37	20.37	15.24	4.64	6.40	260.00	GET	GR	29A
16750.	11400.	38.40	29.73	15.24	3.56	6.40	260.00	GET	GR	29B
14100.	10200.	100.11	17.46	15.24	5.74	6.40	260.00	GET	GR	30A
14800.	10800.	3.20	45.54	15.24	3.25	6.40	60.00	GET	GR	30B
14800.	10600.	3.72	14.55	15.24	4.31	6.40	60.00	GET	GR	30C
13800.	9400.	4.61	25.64	15.24	3.90	6.40	60.00	GET	GR	30D
13750.	7550.	8.98	21.00	15.24	5.44	6.40	60.00	GET	GR	31A
13750.	9000.	6.40	40.82	15.24	4.60	6.40	60.00	GET	GR	31B
15300.	8800.	6.02	29.10	15.24	4.46	6.40	60.00	GET	GR	32A
			27.45	15.24				GET		

15700.	86.09	39.17	15.24	5.32	6.40	260.00	GET	GR 32B
17500.	84.57	38.46	15.24	5.28	6.40	260.00	GET	GR 33A
18200.	32.00	14.55	15.24	3.25	6.40	260.00	GET	GR 33B
23330.	3.19	1.21	3.96	1.54	2.32	260.00	GUL	2 7
23100.	0.22	1.36	3.96	1.54	2.32	60.00	GUL	3 78
23330.	0.32	0.19	7.62	0.61	4.28	260.00	GUL	4 80
23330.	0.32	0.19	7.62	0.61	4.28	260.00	GUL	5 80
8500.	0.38	1.36	3.96	1.54	2.32	60.00	GUL	6 80
9500.	0.38	1.36	3.96	1.54	2.32	60.00	GUL	7 80
8600.	0.38	1.36	3.96	1.54	2.32	60.00	GUL	8 80
7600.	0.38	1.36	3.96	1.54	2.32	60.00	GUL	9 80
8600.	0.38	1.36	3.96	1.54	2.32	60.00	GUL	10 80
8500.	0.54	0.19	7.62	0.61	4.28	260.00	GUL	11 80
8600.	0.54	0.19	7.62	0.61	4.28	260.00	GUL	12 80
8520.	0.27	0.10	7.62	0.61	4.28	260.00	GUL	13 80
9700.	0.35	0.13	7.62	0.61	4.28	260.00	JUN	1 80
17200.	0.11	0.97	3.96	1.54	2.32	60.00	MCF	1 80
11020.	0.58	0.17	8.53	0.46	15.24	260.00	MOB	3 80
10110.	0.58	0.17	8.53	0.46	15.24	260.00	MOB	4 80
10130.	2.68	0.85	3.96	1.46	2.57	260.00	MOB	5 80
10500.	0.59	0.17	8.53	0.46	15.24	260.00	MOB	8 7
11040.	0.58	0.17	8.53	0.46	15.24	260.00	MOB	12 80
10500.	0.29	0.08	7.62	0.61	4.28	260.00	MOB	13 7
11060.	1.33	3.92	10.05	1.99	6.40	60.00	MOB	13 7
10520.	2.09	6.14	10.05	2.47	6.40	60.00	MOB	14A 80
11330.	2.59	0.90	3.96	1.54	2.32	260.00	MOB	14B 80
11000.	0.55	0.19	3.96	0.91	2.32	260.00	NKF	1 7
8000.	0.82	0.29	7.62	0.61	4.28	260.00	NKF	2 7
26580.	0.570.	0.90	3.96	1.54	2.32	260.00	NKF	3 7
27800.	2.59	0.90	3.96	1.54	2.32	260.00	OLF	1 7
27390.	2.59	0.90	3.96	1.54	2.32	260.00	OLF	2 7
27390.	2.59	0.90	3.96	1.54	2.32	260.00	OLF	3 7
28720.	0.	0.90	3.96	1.54	2.32	260.00	OLF	4 7
18700.	-530.	0.90	3.96	1.54	2.32	260.00	OLF	5 7
18200.	21700.	0.53	7.62	0.91	3.81	260.00	OTH	4 7
18200.	20600.	0.53	7.62	0.91	3.81	260.00	OTH	5 7
18450.	20400.	0.53	7.62	0.91	3.81	260.00	OTH	6 7

10300.	24000.	1.52	0.53	7.62	0.91	3.81	260.00	OTH	7	7
10000.	23950.	2.59	0.90	3.96	1.54	2.32	260.00	OTH	8	7
10450.	23400.	2.59	0.90	3.96	1.54	2.32	260.00	OTH	9	7
10450.	23250.	2.59	0.90	3.96	1.54	2.32	260.00	OTH	10	7
10480.	23000.	0.93	2.36	4.72	1.54	5.73	60.00	PTL	10	7
10500.	23000.	0.93	2.36	4.72	1.54	5.73	60.00	PTL	11	7
10520.	23000.	0.93	2.36	4.72	1.54	5.73	60.00	PTL	12	7
24200.	2800.	1.24	2.36	4.72	1.54	5.73	260.00	PTL	13	7
10470.	23000.	1.04	0.26	7.62	0.91	4.28	260.00	PTL	14	80
10490.	23000.	3.53	0.90	3.96	1.54	2.32	260.00	PTL	15	7
11800.	8000.	0.27	0.26	7.62	0.61	2.32	260.00	PTL	16	7
4750.	13000.	0.27	0.26	7.62	0.61	2.32	260.00	PTS	17	78
14320.	43700.	0.55	0.64	6.10	0.91	2.32	260.00	PTS	18	78
13100.	11400.	2.50	0.92	3.96	1.54	3.81	260.00	REF	19	78
10500.	28900.	1.33	2.39	3.05	1.54	2.32	260.00	RNB	1	78
17950.	4440.	2.59	0.90	3.96	1.54	5.73	60.00	RNB	1	80
16680.	6010.	1.52	0.53	7.62	0.91	2.32	260.00	ROS	2	80
17472.	25280.	6.89	2.39	5.54	2.60	3.81	260.00	ROS	1	7
17528.	25280.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	3	7
17472.	25320.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	1	7
17528.	25320.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	2	7
17760.	24400.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	3	7
17800.	24400.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	4	7
17840.	24400.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	5	7
17760.	24000.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	6	7
17800.	24000.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	7	7
17840.	24000.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	8	7
17160.	26660.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	9	7
17200.	26660.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	10	7
17240.	26660.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	11	7
17160.	26700.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	12	7
17200.	26700.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	13	7
17240.	26700.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	14	7
17160.	26740.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	15	7
17200.	26740.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	16	7
17240.	26740.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	17	7
								SHL	18	7
								SHL	19	7

14830.	11220.	2.62	0.91	3.96	1.54	2.32	260.00	SHL	24A	7
14890.	11260.	2.62	0.91	3.96	1.54	2.32	260.00	SHL	25A	7
14930.	11220.	2.62	0.91	3.96	1.54	2.32	260.00	SHL	26A	7
17290.	10500.	2.62	0.91	3.96	1.54	2.32	260.00	SHL	28D	7
17330.	10460.	2.62	0.91	3.96	1.54	2.32	260.00	SHL	29D	7
17370.	10500.	2.62	0.91	3.96	1.54	2.32	260.00	SHL	30D	7
13390.	11220.	2.62	0.91	3.96	1.54	2.32	260.00	SHL	31X	7
17740.	23960.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	63	7
17900.	22460.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	64	7
17910.	22460.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	65	7
17890.	22460.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	66	7
17880.	22460.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	67	7
17920.	22460.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	68	7
17880.	22520.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	69	7
17920.	22520.	6.89	2.39	5.54	2.60	2.00	260.00	SHL	70	7
17960.	25450.	1.52	0.53	6.71	0.61	8.57	260.00	SHL	71	7
18000.	25450.	1.52	0.53	6.71	0.61	8.57	260.00	SHL	72	7
18040.	25450.	1.52	0.53	6.71	0.61	8.57	260.00	SHL	73	7
15530.	11240.	2.62	0.91	3.96	1.52	2.32	260.00	SHL	20	7
15530.	11260.	2.62	0.91	3.96	1.52	2.32	260.00	SHL	82	7
16560.	10520.	2.62	0.91	3.96	1.52	2.32	260.00	SHL	22	7
16520.	10520.	2.62	0.91	3.96	1.52	2.32	260.00	SHL	27	7
17500.	9500.	1.52	0.53	7.62	0.91	3.28	260.00	SHL	88	7
17520.	9500.	1.52	0.53	7.62	0.91	3.28	260.00	SHL	89	7
15550.	11240.	1.24	9.56	10.05	2.91	6.40	60.00	SHL	GR20	80
16530.	10520.	1.36	11.38	10.05	3.18	6.40	60.00	SHL	GR29	80
16600.	28300.	1.59	12.27	10.05	3.29	6.40	60.00	SHL	GR32	80
16600.	6330.	2.59	0.90	3.81	1.54	2.32	260.00	STD	52	7
16620.	7380.	2.59	0.90	3.81	1.54	2.32	260.00	STD	61	7
16620.	6840.	2.59	0.90	3.81	1.54	2.32	260.00	STD	62	7
16620.	6350.	2.59	0.90	3.81	1.54	2.32	260.00	STD	63	7
14950.	7500.	2.59	0.90	3.81	1.54	2.32	260.00	STD	64	7
14460.	7300.	2.59	0.90	3.81	1.54	2.32	260.00	STD	65	7
16160.	4780.	2.59	0.90	3.81	1.54	2.32	260.00	STD	72	7
14600.	7960.	2.59	0.90	3.81	1.54	2.32	260.00	STD	82	7
14640.	7960.	2.59	0.90	3.81	1.54	2.32	260.00	STD	83	7

16540.	8250.	2.59	0.90	3.81	1.54	2.32	260.00	STD	87	7
16580.	8250.	2.59	0.90	3.81	1.54	2.32	260.00	STD	88	7
16620.	8250.	2.59	0.90	3.81	1.54	2.32	260.00	STD	89	7
16660.	8250.	2.59	0.90	3.81	1.54	2.32	260.00	STD	90	7
16700.	8250.	2.59	0.90	3.81	1.54	2.32	260.00	STD	91	7
16600.	7810.	6.40	2.22	6.71	1.54	5.73	260.00	STD	92	7
16640.	7810.	6.40	2.22	6.71	1.54	5.73	260.00	STD	93	7
9720.	13200.	2.59	0.90	3.81	1.54	2.32	260.00	STD	106	7
7000.	11920.	2.59	0.90	3.81	1.54	2.32	260.00	STD	107	7
9195.	10330.	2.59	0.90	3.81	1.54	2.32	260.00	STD	112	7
9250.	10280.	2.59	0.90	3.81	1.54	2.32	260.00	STD	113	7
15000.	5730.	2.59	0.90	3.81	1.54	2.32	260.00	STD	114	7
9900.	16850.	2.59	0.90	3.81	1.54	2.32	260.00	STD	115	7
28960.	190.	2.59	0.90	3.96	1.54	2.32	260.00	STD	116	7
29000.	190.	2.59	0.90	3.96	1.54	2.32	260.00	STD	117	7
9630.	10040.	6.40	2.22	6.71	1.54	5.73	260.00	STD	138	7
9710.	10000.	6.40	2.22	6.71	1.54	5.73	260.00	STD	139	7
9390.	10180.	1.52	0.53	7.62	0.91	3.81	260.00	STD	186	7
9470.	10140.	1.52	0.53	7.62	0.91	3.81	260.00	STD	187	7
9550.	10080.	1.52	0.53	7.62	0.91	3.81	260.00	STD	188	7
17340.	5370.	6.40	2.22	3.05	1.54	5.73	260.00	STD	195	7
15000.	5500.	6.40	2.22	6.71	1.54	5.73	260.00	STD	202	7
15020.	5500.	6.40	2.22	6.71	1.54	5.73	260.00	STD	203	7
15040.	5500.	6.40	2.22	6.71	1.54	5.73	260.00	STD	204	7
17940.	6570.	0.76	0.26	7.62	0.61	4.28	260.00	STD	205	7
17940.	6550.	0.76	0.26	7.62	0.61	4.28	260.00	STD	206	7
16140.	4760.	0.76	0.26	7.62	0.61	4.28	260.00	STD	207	7
16140.	4740.	0.76	0.26	7.62	0.61	4.28	260.00	STD	208	7
16140.	4720.	0.76	0.26	7.62	0.61	4.28	260.00	STD	209	7
16640.	6840.	0.76	0.26	7.62	0.61	4.28	260.00	STD	210	7
16640.	6860.	0.76	0.26	7.62	0.61	4.28	260.00	STD	211	7
16640.	6880.	0.76	0.26	7.62	0.61	4.28	260.00	STD	212	7
17980.	7300.	61.56	21.36	15.24	4.50	6.40	260.00	STD	GR3A	7
17840.	6570.	3.20	11.10	15.24	3.25	6.40	60.00	STD	GR3B	7
16620.	6880.	3.84	13.32	15.24	3.56	6.40	60.00	STL	GR4	7

14780.	7300.	4.10	14.22	15.24	3.68	6.40	60.00	STD	GRP5	7
17320.	5350.	3.69	12.80	15.24	3.45	6.40	60.00	STD	GRP9	7
14620.	8000.	4.48	15.54	15.24	3.85	6.40	60.00	STD	GRP317	7
28880.	250.	5.12	17.76	10.05	4.11	6.40	60.00	STD	GR27	80
14800.	15700.	0.70	2.31	3.05	1.54	5.73	60.00	SUN	1	80
14800.	15720.	0.70	2.31	3.05	1.54	5.73	60.00	SUN	2	80
14820.	15700.	0.12	0.24	7.62	0.61	4.81	260.00	SUN	3	80
14820.	15720.	0.12	0.24	7.62	0.61	4.81	260.00	SUN	4	80
14780.	15700.	0.25	0.48	7.62	0.91	3.28	260.00	SUN	5	80
14780.	15680.	0.25	0.48	7.62	0.91	3.28	260.00	SUN	6	80
12300.	13200.	0.64	1.22	3.96	1.54	2.32	260.00	SUN	7	78
20500.	7500.	0.76	0.26	7.62	0.61	4.28	260.00	THE	1	78
20520.	7500.	0.76	0.26	7.62	0.61	4.28	260.00	THE	2	78
20510.	7500.	0.19	0.07	7.62	0.61	4.81	260.00	THE	3	78
26610.	250.	1.77	0.90	3.96	1.54	2.32	260.00	TEL	1	7
26620.	250.	0.65	0.33	7.62	0.61	4.81	260.00	TEL	6	7
26630.	250.	0.13	0.07	7.62	0.61	4.81	260.00	TEL	7	7
26640.	250.	4.37	2.22	3.05	1.54	5.73	260.00	TEL	8	7
26650.	250.	4.37	2.22	3.05	1.54	5.73	260.00	TEL	9	7
26650.	260.	0.44	2.22	3.05	1.54	5.73	60.00	TEL	10	80
17880.	9760.	0.44	2.22	3.05	1.54	5.73	60.00	TEL	11	80
17880.	9720.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	21	7
17880.	9680.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	22	7
17880.	9640.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	23	7
13280.	10010.	6.40	2.22	6.10	1.02	3.27	260.00	TEN	24	7
13320.	10010.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	25	7
13410.	10010.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	26	7
13280.	9970.	6.40	2.22	6.10	1.02	3.27	260.00	TEN	27	7
14000.	7320.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	28	7
14120.	7320.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	29	7
14000.	7230.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	30	7
14120.	7230.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	31	7
14000.	7120.	1.52	0.90	3.96	1.54	2.32	260.00	TEN	32	7
15000.	10350.	2.59	0.53	7.62	0.91	3.81	260.00	TEN	33	7
14900.	10350.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	34	7
			0.90	3.96	1.54	2.32	260.00	TEN	35	7

14940.	10350.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	36	7
14980.	10350.	1.52	0.53	7.62	0.91	3.81	260.00	TEN	37	7
15000.	10310.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	38	7
14920.	10310.	6.40	2.22	6.10	1.02	3.27	260.00	TEN	39	7
14030.	6780.	2.59	0.90	3.96	1.54	2.32	260.00	TEN	40	7
19610.	6360.	1.52	0.53	7.62	0.91	3.81	260.00	TEN	42	7
14050.	7230.	0.76	0.26	7.62	0.61	4.81	260.00	TEN	43	7
13300.	10010.	0.76	0.26	7.62	0.61	4.81	260.00	TEN	44	7
8000.	17400.	1.30	0.72	3.96	1.54	2.32	260.00	TRJ	1	80
13550.	7000.	1.52	0.53	7.62	0.91	3.81	260.00	TMS	1	7
18780.	4500.	1.52	0.53	7.62	0.91	3.81	260.00	TSS	1	7
15330.	4550.	2.59	0.90	3.96	1.54	2.32	260.00	WSP	1	7
15330.	4440.	2.59	0.90	3.96	1.54	2.32	260.00	WSP	2	7

Appendix C

WESTERN KERN COUNTY EXISTING-CASE
SOURCE INVENTORY (NORTH PORTION)

43220.	47600.	1.06	3.86	1.46	2.32	260.00	S	MOB	88	76
40230.	59500.	1.06	3.87	1.46	2.32	260.00	S	MOB	96	76
40250.	59500.	1.06	3.87	1.46	2.32	260.00	S	MOB	97	76
42000.	59520.	1.06	3.87	1.46	2.32	260.00	S	MOB	98	76
42020.	59520.	1.06	3.87	1.46	2.32	260.00	S	MOB	99	76
42000.	59500.	2.23	4.87	2.66	5.73	260.00	S	MOB	100	76
39400.	60000.	0.52	7.62	0.91	3.81	260.00	S	MOB	101	77
39420.	60000.	0.52	7.62	0.91	3.81	260.00	S	MOB	102	77
40000.	52100.	0.52	7.62	0.61	4.28	260.00	S	RNB	1	77
40000.	52120.	0.33	7.62	0.61	4.28	260.00	S	RNB	2	77
31600.	63800.	1.47	7.62	0.61	4.28	260.00	S	RNB	3	77
31620.	63800.	0.26	7.62	0.61	4.28	260.00	S	RNB	4	78
33000.	57800.	0.90	3.96	1.54	2.32	260.00	S	SSE	1	78
38420.	53260.	0.90	3.96	1.54	2.32	260.00	S	STD	1C	79
40020.	51660.	0.90	3.96	1.54	2.32	260.00	S	STD	3C	78
40040.	51660.	0.90	3.96	1.54	2.32	260.00	S	STD	4C	78
42700.	49200.	0.90	3.96	1.54	2.32	260.00	S	STD	6	78
40020.	51640.	2.22	3.05	1.54	5.73	260.00	S	STD	20C	77
45820.	46880.	2.22	3.05	1.54	5.73	260.00	S	STD	21C	77
45840.	46880.	2.22	3.05	1.54	5.73	260.00	S	STD	22C	77
40940.	51610.	2.22	3.05	1.54	5.73	260.00	S	STD	24	78
41800.	50840.	2.22	3.05	1.54	5.73	260.00	S	STD	25	78
41770.	50860.	2.22	3.05	1.54	5.73	260.00	S	STD	28	78
40900.	51620.	2.22	3.05	1.54	5.73	260.00	S	STD	29	79
40900.	51600.	2.22	3.05	1.54	5.73	260.00	S	STD	30	79
40920.	51620.	2.22	3.05	1.54	5.73	260.00	S	STD	31	79
40920.	51600.	2.22	3.05	1.54	5.73	260.00	S	STD	32	79
41780.	50820.	2.22	3.05	1.54	5.73	260.00	S	STD	33	79
3000.	73100.	2.22	3.05	1.54	5.73	260.00	S	STD	34	79
3000.	73120.	0.22	7.62	0.91	3.81	260.00	S	STD	53	77
3000.	73140.	0.22	7.62	0.91	3.81	260.00	S	STD	54	77
3020.	73100.	0.22	7.62	0.91	3.81	260.00	S	STD	55	77
3020.	73120.	0.22	7.62	0.91	3.81	260.00	S	STD	56	77
3020.	73140.	0.22	7.62	0.91	3.81	260.00	S	STD	57	77
49980.	53020.	0.22	7.62	0.91	3.81	260.00	S	STD	58	77
		0.32	7.62	0.91	3.81	260.00	S	STD	59	77

49980.	53000.	1.00	0.32	7.62	0.91	3.81	260.00	S	STD	60	77
49980.	52980.	1.00	0.32	7.62	0.91	3.81	260.00	S	STD	61	77
50000.	53020.	1.00	0.32	7.62	0.91	3.81	260.00	S	STD	62	77
50000.	53000.	1.00	0.32	7.62	0.91	3.81	260.00	S	STD	63	77
50000.	52980.	1.00	0.32	7.62	0.91	3.81	260.00	S	STD	64	77
38000.	54000.	0.95	0.33	7.62	0.61	4.28	260.00	S	STN	1	77
38010.	54000.	0.95	0.33	7.62	0.61	4.28	260.00	S	STN	2	77
42700.	46900.	2.82	1.79	3.96	1.54	2.32	260.00	S	TXF	1	75
31470.	70940.	4.80	1.08	4.27	1.54	2.32	260.00	S	UNI	11	75
27900.	67100.	0.19	0.06	3.96	1.54	2.32	260.00	S	UNI	31	77
13900.	83000.	0.27	0.09	7.62	0.91	3.81	260.00	S	UNI	32	77
13900.	83020.	0.27	0.09	7.62	0.91	3.81	260.00	S	UNI	33	77
41500.	47000.	0.10	0.04	7.62	0.91	3.81	260.00	S	UNI	34	77
41520.	47000.	0.10	0.04	7.62	0.91	3.81	260.00	S	UNI	35	77
39080.	52440.	3.70	1.12	3.66	1.54	2.32	260.00	S	VCT	8	75

Appendix D

WESTERN KERN COUNTY FUTURE-CASE
SOURCE INVENTORY (NORTH PORTION)

x-coor.	y-coor.	SO ₂	emission rate (g/s)	TSP	stack height (m)	stack diam. (m)	exit vel. (m/s)	temp. (°C)	SAI I.D.
40100.	60600.	3.83	1.26	7.32	1.54	2.32	260.00	S BEL 1	68
36340.	61980.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 2	74
36360.	61980.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 3	75
36380.	61980.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 4	75
38390.	61230.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 5	75
38410.	61230.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 6	75
38430.	61230.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 7	75
38450.	61230.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 8	75
38400.	61210.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 9	75
37250.	61430.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 10	75
37270.	61430.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 11	75
36340.	62000.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 12	76
36360.	62000.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 13	76
36380.	62000.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 14	76
37440.	60990.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 15	76
37230.	61430.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 16	76
37860.	60700.	0.71	0.23	8.84	0.91	3.81	260.00	S BEL 17	74
33250.	65800.	0.71	0.23	5.79	0.91	3.81	260.00	S BEL 18	74
36560.	61770.	0.71	0.23	7.77	0.91	3.81	260.00	S BEL 19	74
37380.	61220.	0.71	0.23	7.77	0.91	3.81	260.00	S BEL 20	76
38580.	60380.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 21C	76
35820.	62160.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 22C	76
37500.	60990.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 23C	76
37480.	60990.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 24C	76
35720.	62400.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 25C	76
38260.	60910.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 26C	76
39800.	59600.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 27C	76
37740.	61380.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 28C	76
37460.	60990.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 29C	76
37910.	61160.	3.83	1.26	4.57	1.54	2.32	260.00	S BEL 30C	76
38420.	61210.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 31N	76
38440.	61210.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 32N	76
37130.	61700.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL 33N	76

37150.	61700.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL	34N	76
36800.	61960.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL	35N	76
36820.	61980.	9.44	3.12	11.89	1.54	5.73	260.00	S BEL	36N	76
36800.	60600.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	37N	76
36810.	60600.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	38N	76
36820.	60600.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	39N	76
36830.	60600.	9.44	3.12	11.89	1.54	5.73	60.00	S BEL	40N	76
35200.	62330.	0.71	0.23	7.77	0.91	3.81	260.00	S BEL	41N	76
38560.	60540.	0.71	0.23	7.77	0.91	3.81	260.00	S BEL	42N	76
35700.	61880.	0.71	0.23	7.77	0.91	3.81	260.00	S BEL	43N	76
36800.	60590.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	44N	76
36810.	60590.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	45N	76
36820.	60590.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	46N	76
36830.	60590.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	47N	76
36800.	60580.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	48N	76
36810.	60580.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	49N	76
36820.	60580.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	50N	76
38000.	60590.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	51N	78
38010.	60590.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	52N	78
38020.	60590.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	53N	78
38000.	60580.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	54N	78
38010.	60580.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	55N	78
38020.	60580.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	56N	78
35820.	62150.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	57N	78
37150.	61690.	0.94	3.12	11.89	1.54	5.73	60.00	S BEL	58N	78
35190.	62330.	0.71	0.23	7.77	0.91	3.81	260.00	S BEL	59N	77
36350.	60540.	0.71	0.23	7.77	0.91	3.81	260.00	S BEL	60N	77
36370.	60540.	0.71	0.23	7.77	0.91	3.81	260.00	S BEL	61N	78
35470.	61820.	0.71	0.23	7.77	0.91	3.81	260.00	S BEL	62N	78
36700.	62200.	1.61	0.23	4.57	1.54	2.32	260.00	S BEL	63N	80
42400.	44400.	0.54	0.02	3.96	1.54	2.32	260.00	S BRG	1	75
42600.	44400.	0.05	0.02	7.62	0.61	4.28	260.00	S BRG	2	75
32580.	57260.	3.18	0.98	4.08	1.54	2.32	260.00	S CSO	1	75
45380.	44940.	9.91	3.08	11.89	1.54	5.73	260.00	S CIR	1N	76
45400.	44940.	9.91	3.08	11.89	1.54	5.73	260.00	S CIR	2N	76
45420.	44940.	9.91	3.08	11.89	1.54	5.73	260.00	S CIR	3N	76

45210.	44810.	2.10	0.65	7.62	0.91	3.81	260.00	S	CIR	7	75
45400.	44920.	2.02	0.63	3.96	1.54	2.32	260.00	S	CIR	8M	76
13000.	82400.	3.15	1.06	3.96	1.54	2.32	260.00	S	GCO	1	75
43700.	48200.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	1	75
38460.	53480.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	4	75
38720.	47700.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	6	75
39100.	47360.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	7	75
39120.	47380.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	8	75
39080.	47380.	7.47	2.36	4.72	1.54	5.73	260.00	S	GET	9	75
40680.	46140.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	14	75
40680.	46100.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	15	75
40640.	46100.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	16	75
41160.	46000.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	18	75
41560.	45490.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	19	75
43140.	45900.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	20	75
42740.	44820.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	21	75
43920.	44160.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	22	75
45380.	43820.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	33	75
31560.	85380.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	61	75
31580.	85400.	3.02	0.95	3.66	1.54	2.32	260.00	S	GET	62	75
38520.	53860.	0.19	0.84	3.96	1.54	2.32	60.00	S	GLF	4	75
34640.	80840.	0.54	2.36	5.64	1.54	5.73	60.00	S	GLF	7N	78
33300.	82740.	1.95	0.96	4.27	1.54	2.32	260.00	S	GLF	13N	78
32200.	84700.	0.20	0.96	5.64	1.54	5.73	60.00	S	GLF	21N	78
33300.	81650.	0.20	0.96	5.64	1.54	5.73	60.00	S	GLF	22N	78
33300.	81630.	0.20	0.96	5.64	1.54	5.73	60.00	S	GLF	23N	78
33800.	80900.	0.20	0.96	5.64	1.54	5.73	60.00	S	GLF	20N	78
40000.	58900.	6.19	2.23	4.87	2.66	5.73	60.00	S	GLF	20N	78
40020.	58900.	2.95	1.06	3.86	1.46	5.73	260.00	S	MOB	1	76
40040.	58900.	2.95	1.06	3.86	1.46	2.32	260.00	S	MOB	2	76
40000.	58880.	1.47	0.53	3.86	1.46	2.32	260.00	S	MOB	3	76
40020.	58880.	1.47	0.53	3.86	1.46	3.81	260.00	S	MOB	4	76
40040.	58880.	1.47	0.53	3.86	1.46	3.81	260.00	S	MOB	5	76
38300.	58900.	1.47	0.53	7.62	0.91	3.81	260.00	S	MOB	6	76
38320.	58900.	1.47	0.53	7.62	0.91	3.81	260.00	S	MOB	11	76
38340.	58900.	1.47	0.53	7.62	0.91	3.81	260.00	S	MOB	12	76
								S	MOB	13	76

38340.	58880.	1.47	0.53	7.62	0.91	3.81	260.00	S	MOB	16	76
38300.	58860.	1.47	0.53	7.62	0.91	3.81	260.00	S	MOB	17	76
38320.	58860.	1.47	0.53	7.62	0.91	3.81	260.00	S	MOB	18	76
38340.	58860.	2.95	1.06	3.86	1.46	2.32	260.00	S	MOB	19	76
38360.	58860.	6.19	2.23	4.87	2.66	5.73	260.00	S	MOB	20	76
39500.	58880.	2.95	1.06	3.87	1.46	2.32	260.00	S	MOB	21	76
39540.	59480.	2.95	1.06	3.86	1.46	2.32	260.00	S	MOB	22	76
39560.	59880.	2.95	1.06	3.86	1.46	2.32	260.00	S	MOB	23	76
39540.	59460.	2.95	1.06	3.86	1.46	2.32	260.00	S	MOB	24	76
39560.	59860.	2.95	1.06	3.86	1.46	2.32	260.00	S	MOB	25	76
39550.	59840.	6.19	2.23	4.87	2.66	5.73	260.00	S	MOB	26	76
38360.	59780.	2.95	1.06	3.86	1.46	2.32	260.00	S	MOB	27	76
37500.	59780.	2.95	1.06	3.66	1.46	2.32	260.00	S	MOB	28	76
37520.	59780.	6.19	2.23	4.87	2.66	5.73	260.00	S	MOB	29	76
37540.	59780.	0.62	2.23	4.87	2.66	5.73	60.00	S	MOB	30	76
37560.	59780.	0.62	2.23	4.87	2.66	5.73	60.00	S	MOB	31	76
43200.	47620.	1.86	0.53	7.62	0.91	3.81	260.00	S	MOB	86	76
43220.	47620.	3.72	1.06	3.86	1.46	2.32	260.00	S	MOB	87	76
43220.	47600.	3.72	1.06	3.86	1.46	2.32	260.00	S	MOB	88	76
40230.	59500.	2.95	1.06	3.87	1.46	2.32	260.00	S	MOB	96	76
40250.	59500.	2.95	1.06	3.87	1.46	2.32	260.00	S	MOB	97	76
42000.	59520.	2.95	1.06	3.87	1.46	2.32	260.00	S	MOB	98	76
42020.	59520.	2.95	1.06	3.87	1.46	2.32	260.00	S	MOB	99	76
42000.	59500.	6.19	2.23	4.87	2.66	5.73	260.00	S	MOB	100	76
38420.	53260.	2.92	0.90	3.96	1.54	2.32	260.00	S	STD	1C	79
40020.	51660.	2.92	0.90	3.96	1.54	2.32	260.00	S	STD	3C	78
40040.	51660.	2.92	0.90	3.96	1.54	2.32	260.00	S	STD	4C	78
42700.	49200.	2.92	0.90	3.96	1.54	2.32	260.00	S	STD	6	78
40020.	51640.	7.22	2.23	3.05	1.54	5.73	260.00	S	STD	20C	77
45820.	46880.	7.22	2.22	3.05	1.54	5.73	260.00	S	STD	21C	77
45840.	46880.	7.22	2.22	3.05	1.54	5.73	260.00	S	STD	22C	77
40940.	51610.	7.22	2.23	3.05	1.54	5.73	260.00	S	STD	24N	78
41800.	50840.	7.22	2.23	3.05	1.54	5.73	260.00	S	STD	25N	78
41800.	50860.	7.22	2.23	3.05	1.54	5.73	260.00	S	STD	28	78
41770.	50820.	7.22	2.23	3.05	1.54	5.73	260.00	S	STD	29N	79
40900.	51620.	7.22	2.23	3.05	1.54	5.73	260.00	S	STD	30N	79

40900.	51600.	7.22	2.23	3.05	1.54	5.73	260.00	S	STD	31N	79
40920.	51620.	7.22	2.23	3.05	1.54	5.73	260.00	S	STD	32N	79
40920.	51600.	7.22	2.23	3.05	1.54	5.73	260.00	S	STD	33N	79
41780.	50820.	7.22	2.22	3.05	1.54	5.73	260.00	S	STD	34N	79
33000.	57800.	2.92	0.90	3.96	1.54	2.32	260.00	S	SSE	601	78
42700.	46900.	2.91	0.90	3.96	1.54	2.32	260.00	S	TXF	1	75
41080.	50600.	4.96	1.08	4.27	1.54	2.32	260.00	S	UNI	7	75
31470.	70940.	0.50	1.08	4.27	1.54	2.32	60.00	S	UNI	8	75
44050.	47600.	4.46	1.08	5.18	1.54	2.32	260.00	S	UNI	10	78
43350.	47400.	9.31	2.25	5.79	1.54	5.73	260.00	S	UNI	13	78
27900.	67100.	0.19	0.06	3.46	1.54	2.32	260.00	S	UNI	31	77
13900.	83000.	0.27	0.09	7.62	0.91	3.81	260.00	S	UNI	32	77
13900.	83020.	0.27	0.09	7.62	0.91	3.81	260.00	S	UNI	33	77
41500.	47000.	0.10	0.04	7.62	0.91	3.81	260.00	S	UNI	34	77
41520.	47000.	0.10	0.04	7.62	0.91	3.81	260.00	S	UNI	35	77
39080.	52440.	2.52	1.12	3.66	1.54	2.32	260.00	S	VCT	8	75
3000.	73100.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	53	77
3000.	73120.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	54	77
3000.	73140.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	55	77
3020.	73100.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	56	77
3020.	73120.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	57	77
3020.	73140.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	58	77
49980.	53020.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	59	77
49980.	53000.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	60	77
49980.	52980.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	61	77
50000.	53020.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	62	77
50000.	53000.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	63	77
50000.	52980.	1.72	0.53	7.62	0.91	3.81	260.00	S	STD	64	77
39400.	60000.	0.52	0.12	7.62	0.91	3.81	260.00	S	MOB	101	77
39420.	60000.	0.52	0.12	7.62	0.91	3.81	260.00	S	MOB	102	77
14520.	93000.	2.04	0.45	7.62	0.91	3.81	260.00	S	GET	68	77
14500.	93000.	2.04	0.45	7.62	0.91	3.81	260.00	S	GET	69	77
14500.	92980.	2.04	0.45	7.62	0.91	3.81	260.00	S	GET	70	77
41500.	47500.	1.12	0.25	7.62	0.91	3.81	260.00	S	GET	71	77
41500.	47520.	1.12	0.25	7.62	0.91	3.81	260.00	S	GET	72	77
41520.	47500.	1.12	0.25	7.62	0.91	3.81	260.00	S	GET	73	77

28960.	70500.	1.41	0.31	7.62	0.91	3.81	260.00	S	GET	74	77
28980.	70500.	1.41	0.31	7.62	0.91	3.81	260.00	S	GET	75	77
29000.	70500.	1.41	0.31	7.62	0.91	3.81	260.00	S	GET	76	77
29400.	60300.	0.47	0.12	3.96	1.54	2.32	260.00	S	MER	1	77
40000.	52100.	1.04	0.23	7.62	0.61	4.28	260.00	S	RNB	1	77
40000.	52120.	1.04	0.23	7.62	0.61	4.28	260.00	S	RNB	2	77
31600.	63800.	0.06	0.66	7.62	0.61	4.28	260.00	S	RNB	3	77
31620.	63800.	1.04	0.23	7.62	0.61	4.28	260.00	S	RNB	4	78
38000.	54000.	0.76	0.18	7.62	0.61	4.28	260.00	S	STN	1	77
45800.	42600.	0.12	1.43	7.62	0.91	3.81	260.00	S	MCF	5	77
35800.	57100.	2.45	0.85	3.96	1.54	2.32	60.00	S	SFS	1	77
39110.	52430.	0.53	2.43	3.05	1.54	5.73	60.00	S	JBR	1N	79
39120.	52430.	0.55	0.25	7.62	0.61	4.28	260.00	S	JBR	2N	79
40000.	58860.	0.62	2.22	4.87	2.66	5.73	60.00	S	MOB	7N	77
40020.	58860.	0.62	2.22	4.87	2.66	5.73	60.00	S	MOB	8N	77
40040.	58860.	0.62	2.22	4.87	2.66	5.73	60.00	S	MOB	9N	77
40060.	58860.	0.62	2.22	4.87	2.66	5.73	60.00	S	MOB	10N	77
37500.	59760.	0.62	2.22	4.87	2.66	5.73	60.00	S	MOB	32N	77
37520.	59760.	0.62	2.22	4.87	2.66	5.73	60.00	S	MOB	33N	77
37540.	59760.	0.62	2.22	4.87	2.66	5.73	60.00	S	MOB	34N	77
37560.	59760.	0.62	2.22	4.87	2.66	5.73	60.00	S	MOB	35N	77
37500.	59780.	1.51	0.56	7.62	0.91	3.81	260.00	S	MOB108N	79	
37510.	59780.	1.51	0.56	7.62	0.91	3.81	260.00	S	MOB109N	79	
37520.	59780.	1.51	0.56	7.62	0.91	3.81	260.00	S	MOB110N	79	
37530.	59780.	0.36	0.14	7.62	0.61	4.28	260.00	S	MOB111N	79	
23100.	68620.	0.36	2.42	5.54	1.54	5.73	60.00	S	SHL	9N	78
23100.	68600.	0.36	2.42	5.54	1.54	5.73	60.00	S	SHL	10N	79
23120.	68620.	0.36	2.42	5.54	1.54	5.73	60.00	S	SHL	11N	79
23120.	68600.	0.36	2.42	5.54	1.54	5.73	60.00	S	SHL	12N	79
38000.	54270.	0.92	1.26	4.57	1.54	2.32	60.00	S	SPH	1N	77
38010.	54270.	0.72	0.14	7.62	0.61	4.28	260.00	S	SPR	2N	77
31260.	70940.	0.19	1.08	4.27	1.54	2.32	60.00	S	UNI	41	78
31270.	70940.	0.19	1.08	4.27	1.54	2.32	60.00	S	UNI	42	78
31250.	70930.	0.19	1.08	4.27	1.54	2.32	60.00	S	UNI	43	78
31260.	70930.	0.19	1.08	4.27	1.54	2.32	60.00	S	UNI	44	78
31270.	70930.	0.19	1.08	4.27	1.54	2.32	60.00	S	UNI	45	78

31250.	70920.	0.19	1.08	4.27	1.54	2.32	60.00	S	UNI	46	78
31260.	70920.	0.19	1.08	4.27	1.54	2.32	60.00	S	UNI	47	78
31270.	70920.	0.19	1.08	4.27	1.54	2.32	60.00	S	UNI	48	78
42410.	50400.	0.09	0.46	5.18	0.91	3.81	60.00	S	SUN	37N	78
42420.	50400.	0.09	0.46	5.18	0.91	3.81	60.00	S	SUN	38N	78
42430.	50400.	0.09	0.46	5.18	0.91	3.81	60.00	S	SUN	39N	78
42410.	50390.	0.09	0.46	5.18	0.91	3.81	60.00	S	SUN	40N	78
42420.	50390.	0.07	0.35	5.18	0.91	3.81	60.00	S	SUN	41N	78
42430.	50390.	0.07	0.35	5.18	0.91	3.81	60.00	S	SUN	42N	78
42410.	50380.	0.49	2.50	3.05	1.54	5.73	60.00	S	SUN	43N	78
42420.	50380.	0.49	2.50	3.05	1.54	5.73	60.00	S	SUN	44N	78
42430.	50380.	0.07	0.35	5.18	0.91	3.81	60.00	S	SUN	45N	78
39520.	46720.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	23N	78
39990.	46600.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	24N	78
39990.	46640.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	25N	78
40640.	46140.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	26N	78
31580.	85360.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	63N	78
31540.	85400.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	65N	78
31540.	85360.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	65N	78
43710.	48200.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	77N	78
38470.	53480.	0.75	2.36	4.72	1.54	5.73	60.00	S	GET	78N	78
39100.	52430.	0.58	2.66	5.18	1.54	5.73	60.00	S	VCT	9N	79
39090.	52440.	0.27	0.12	7.62	0.61	4.28	260.00	S	VCT	16N	79
39100.	52440.	0.19	0.09	7.62	0.61	4.28	260.00	S	VCT	17N	79
39110.	52440.	0.19	0.09	7.62	0.61	4.28	260.00	S	VCT	18N	79

Appendix E

WESTERN KERN COUNTY EXISTING-CASE
SOURCE INVENTORY (SOUTH PORTION)

x-coor.	y-coor.	emission rate (g/s)		stack height (m)	stack diam. (m)	exit vel. (m/s)	temp. (°C)	SAI I.D.
		SO ₂	TSP					
41000.	30000.	0.16	0.12	5.49	0.61	4.28	260.00	S ALF 1 78
48900.	33200.	0.71	0.74	3.96	1.54	2.32	260.00	S ARC 34 77
62700.	20730.	1.36	0.43	3.66	1.54	2.32	260.00	S BHC 1 75
62700.	20730.	3.33	1.06	3.96	1.54	2.32	260.00	S BHC 17 75
42400.	44400.	0.50	0.23	3.96	1.54	2.32	260.00	S BRG 1 75
42600.	44400.	0.04	0.02	7.62	0.61	4.28	260.00	S BRG 2 75
48000.	34000.	3.38	1.08	3.96	1.54	2.32	260.00	S CFB 1 77
46480.	37280.	0.96	0.33	6.10	0.91	3.81	260.00	S CHA 4 75
66770.	15450.	1.48	0.50	6.10	1.54	2.32	260.00	S CHA 5 75
69120.	15450.	1.54	0.50	6.10	1.54	2.32	260.00	S CHA 6 75
45800.	38000.	1.54	0.50	6.10	1.54	2.32	260.00	S CHA 7 78
66790.	15450.	0.10	1.47	7.62	0.91	4.28	260.00	S CHA 8 75
45790.	38000.	0.51	0.17	7.62	0.61	2.32	260.00	S CHA 9 78
47480.	35690.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 3 64
53000.	27000.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 9 64
45550.	35380.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 10 64
51000.	28000.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 11 65
46500.	35510.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 12 64
47470.	35700.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 14 64
52980.	28090.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 16 65
47300.	35000.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 19 65
47300.	35000.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 22 66
47310.	35000.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 23 66
47320.	35020.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 25 67
46500.	35500.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 26 67
48000.	35510.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 27 67
47530.	33460.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 29 67
47330.	35700.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 32 68
47470.	35690.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 34 68
55120.	26110.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 35 66
53000.	27500.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 36 64

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x-coor.	y-coor.	emission rate (g/s)		stack height (m)	stack diam. (m)	exit vel. (m/s)	temp. (°C)	SAI I.D.
		SO ₂	TSP					
45000.	35580.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 37 68
47470.	35700.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 38 68
51320.	29700.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 40 66
47490.	35020.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 41 66
47500.	35620.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 42 66
45520.	34150.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 43 66
53000.	27610.	3.06	1.02	3.96	1.54	2.32	260.00	S CWO 44 66
43000.	26590.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 47 68
50320.	31260.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 48 68
52800.	22800.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 49 66
55500.	25700.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 54 66
47300.	35800.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 55 66
46200.	35800.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 56 66
46200.	35850.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 63 66
46100.	34000.	7.57	2.51	3.05	1.54	5.73	260.00	S CWO 64 66
47270.	34980.	1.91	0.63	3.05	1.54	5.73	260.00	S CWO 65 66
47270.	34970.	0.26	0.63	7.62	0.91	4.28	260.00	S CWO 66 65
47270.	34960.	1.91	0.63	7.62	0.91	3.81	260.00	S CWO 67 65
47270.	34950.	3.25	1.08	3.96	1.54	2.32	260.00	S CWO 610 69
47270.	34940.	1.91	0.63	7.62	0.91	3.81	260.00	S CWO 613 66
47280.	34980.	1.91	0.63	7.62	0.91	3.81	260.00	S CWO 614 66
47280.	34970.	1.91	0.63	7.62	0.91	3.81	260.00	S CWO 615 66
47280.	34960.	3.25	1.08	3.96	1.54	2.32	260.00	S CWO 616 66
47280.	34950.	1.91	0.63	7.62	0.91	3.81	260.00	S CWO 617 67
54440.	28500.	1.91	0.63	7.62	0.91	3.81	260.00	S CWO 618 67
45220.	36790.	2.18	0.55	7.62	0.91	3.81	260.00	S CWO 630 67
54660.	26680.	3.50	1.11	4.45	1.54	2.32	260.00	S EXE 4 78
54680.	26700.	8.60	2.74	5.62	1.54	5.73	260.00	S GAO 1 78
54660.	26700.	0.91	0.29	7.62	0.61	4.28	260.00	S GAO 2 78
54680.	26680.	0.91	0.29	7.62	0.61	4.28	260.00	S GAO 4 78
47940.	43000.	2.93	0.96	3.66	1.54	2.32	260.00	S GAO 5 78
47020.	41880.	2.93	0.96	3.66	1.54	2.32	260.00	S GET 36 75
48000.	40300.	2.93	0.96	3.66	1.54	2.32	260.00	S GET 38 75
47215.	36200.	2.93	0.96	3.66	1.54	2.32	260.00	S GET 43 75
								S GET 44 75

x-coor.	y-coor.	emission rate (g/s)		stack height (m)	stack diam. (m)	exit vel. (m/s)	temp. (°C)	SAI I.D.
		SO ₂	TSP					
47220.	36200.	2.93	0.96	3.96	1.54	2.32	260.00	S GET 45 75
47230.	36200.	7.23	2.36	3.05	1.54	5.73	260.00	S GET 46 75
47200.	36200.	7.23	2.36	3.05	1.54	5.73	260.00	S GET 47 75
48000.	34000.	2.93	0.96	3.96	1.54	2.32	260.00	S GET 49 75
49000.	32700.	2.93	0.96	3.96	1.54	2.32	260.00	S GET 52 75
56980.	25250.	2.93	0.96	3.96	1.54	2.32	260.00	S GET 60 75
49000.	32710.	2.93	0.96	3.96	1.54	2.32	260.00	S GET 86 75
49000.	32720.	2.93	0.96	3.96	1.54	2.32	260.00	S GET 87 75
57000.	25000.	2.93	0.96	3.96	1.54	2.32	260.00	S GET 88 75
62800.	18500.	2.93	0.96	3.96	1.54	2.32	260.00	S GET 91 75
70790.	14560.	2.51	0.80	3.83	1.54	2.32	260.00	S GLF 2 78
49500.	32900.	0.44	3.27	5.64	1.54	5.73	260.00	S GLF 6 78
73200.	13820.	0.02	0.05	3.63	1.54	2.32	260.00	S GLF 24 78
46400.	36450.	6.95	0.18	2.13	0.61	4.28	260.00	S MCC 1 75
47660.	36450.	0.56	0.18	3.84	1.54	5.73	260.00	S MCC 2 75
47660.	36450.	0.58	0.18	1.07	1.54	2.32	260.00	S MCC 4 75
48050.	36160.	0.58	0.18	1.07	1.54	2.32	260.00	S MCC 5 75
46720.	37000.	1.91	0.61	7.62	0.91	3.81	260.00	S MCC 6 78
46720.	37020.	1.91	0.61	7.62	0.91	3.81	260.00	S MCC 7 78
56000.	25000.	0.28	0.22	7.62	0.91	3.81	260.00	S MCC 4 77
47950.	33230.	3.54	1.20	6.10	1.54	2.32	260.00	S MHW 1 75
47080.	36060.	3.93	1.20	4.57	1.54	2.32	260.00	S MHW 3 75
65630.	18640.	3.67	1.09	6.10	1.54	2.32	260.00	S MHW 4 75
47950.	33240.	1.96	0.66	7.62	0.91	3.81	260.00	S MHW 6 75
47060.	36060.	2.17	0.66	7.62	0.91	3.81	260.00	S MHW 7 75
47060.	36060.	2.17	0.66	7.62	0.91	3.81	260.00	S MHW 8 75
65630.	18660.	2.23	0.66	7.62	0.91	3.81	260.00	S MHW 9 75
48200.	37100.	1.14	0.26	7.62	0.91	3.81	260.00	S MHW 10 78
48200.	37120.	2.29	0.53	7.62	0.91	3.81	260.00	S MHW 44 76
48230.	37120.	2.26	0.53	7.62	0.91	3.81	260.00	S MHW 45 76
48090.	37270.	4.57	1.06	3.86	3.96	2.32	260.00	S MHW 46 76
48090.	37280.	4.57	1.06	3.86	3.96	2.32	260.00	S MHW 47 76
48090.	37290.	4.57	1.06	3.86	3.96	2.32	260.00	S MHW 48 76
48010.	36550.	2.27	0.53	7.62	0.91	3.81	260.00	S MHW 49 76
48010.	36560.	2.27	0.53	7.62	0.91	3.81	260.00	S MHW 50 76
								S MHW 51 76

48020.	36550.	4.55	1.06	3.86	1.46	2.32	260.00	S	MOB	52	76
48020.	36560.	4.55	1.06	3.86	1.46	2.32	260.00	S	MOB	53	76
46720.	36320.	1.76	0.53	7.62	0.91	3.81	260.00	S	MOB	56	76
46720.	36330.	1.76	0.53	7.62	0.91	3.81	260.00	S	MOB	57	76
46730.	36320.	1.76	0.53	7.62	0.91	3.81	260.00	S	MOB	58	76
46730.	36330.	3.52	1.06	3.86	1.46	2.32	260.00	S	MOB	59	76
48390.	32990.	2.44	0.53	7.62	0.91	3.81	260.00	S	MOB	68	76
48420.	33030.	4.88	1.06	3.86	1.46	2.32	260.00	S	MOB	69	76
59300.	23540.	1.66	0.53	7.62	0.91	3.81	260.00	S	MOB	76	76
59320.	23540.	3.05	1.06	3.86	1.46	2.32	260.00	S	MOB	77	76
64040.	20920.	1.52	0.53	7.62	0.91	3.81	260.00	S	MOB	78	76
64060.	20920.	1.52	0.53	7.62	0.91	3.81	260.00	S	MOB	79	76
64080.	20920.	1.52	0.53	7.62	0.91	3.81	260.00	S	MOB	80	76
62830.	20900.	3.05	1.06	3.86	1.46	2.32	260.00	S	MOB	81	76
62850.	20900.	3.05	1.06	3.86	1.46	2.32	260.00	S	MOB	82	76
66680.	15500.	3.05	1.06	3.86	1.46	2.32	260.00	S	MOB	84	76
50100.	36540.	0.52	0.13	3.96	1.54	2.32	260.00	S	MOB	103	75
50300.	36540.	0.52	0.13	3.96	1.54	2.32	260.00	S	MOB	104	75
58350.	27750.	0.27	0.08	7.62	0.61	4.28	260.00	S	MOB	105	75
58550.	27750.	0.27	0.08	7.62	0.61	4.28	260.00	S	MOB	106	75
48070.	33850.	0.76	0.26	7.62	0.61	4.28	260.00	S	OCC	1	75
48070.	33830.	0.76	0.26	7.62	0.61	4.28	260.00	S	OCC	2	75
48070.	33810.	2.59	0.90	3.96	1.54	2.32	260.00	S	OCC	3	75
48070.	33790.	2.59	0.90	3.96	1.54	2.32	260.00	S	OCC	4	75
65100.	19100.	2.59	0.90	3.96	1.54	2.32	260.00	S	OCC	5	75
56150.	25850.	0.76	0.26	7.62	0.61	4.28	260.00	S	OVL	1	75
59480.	26030.	0.76	0.26	7.62	0.61	4.28	260.00	S	OVL	2	75
46620.	34710.	1.97	0.68	3.83	1.54	2.32	260.00	S	SHL	14	75
46620.	34700.	1.97	0.68	3.83	1.54	2.32	260.00	S	SHL	15	75
46570.	34960.	6.87	2.38	5.79	1.54	5.73	260.00	S	SHL	18	75
46570.	34950.	6.87	2.38	5.79	1.54	5.73	260.00	S	SHL	19	75
46530.	34700.	6.87	2.38	5.79	1.54	5.73	260.00	S	SHL	20	75
46530.	34690.	6.87	2.38	5.79	1.54	5.73	260.00	S	SHL	21	75
46330.	34600.	6.87	2.38	5.54	1.54	5.73	260.00	S	SHL	22	75
46330.	34590.	6.87	2.38	5.54	1.54	5.73	260.00	S	SHL	23	75
46640.	34420.	6.87	2.38	5.54	1.54	5.73	260.00	S	SHL	24	75

46640.	34410.	6.87	2.38	5.54	1.54	5.73	260.00	S	SHL	25	75
46040.	34870.	1.97	0.68	3.82	1.54	2.32	260.00	S	SHL	28	75
46040.	34880.	1.97	0.68	3.82	1.54	2.32	260.00	S	SHL	29	75
46040.	34890.	2.35	0.82	3.82	1.54	2.32	260.00	S	SHL	30	75
45750.	34620.	2.07	0.72	3.82	1.54	2.32	260.00	S	SHL	31	75
45760.	34620.	2.07	0.72	3.82	1.54	2.32	260.00	S	SHL	32	75
45770.	34620.	2.07	0.72	3.82	1.54	2.32	260.00	S	SHL	33	75
45780.	34620.	2.07	0.72	3.82	1.54	2.32	260.00	S	SHL	34	75
45790.	34620.	2.07	0.72	3.82	1.54	2.32	260.00	S	SHL	35	75
45800.	34620.	2.07	0.72	3.82	1.54	2.32	260.00	S	SHL	36	75
46040.	36210.	1.97	0.68	3.82	1.54	2.32	260.00	S	SHL	37	75
46040.	36220.	1.97	0.68	3.82	1.54	2.32	260.00	S	SHL	38	75
46040.	36230.	1.97	0.68	3.82	1.54	2.32	260.00	S	SHL	39	75
58560.	22650.	2.65	0.92	3.82	1.54	2.32	260.00	S	SHL	40	75
58580.	22650.	2.65	0.92	3.82	1.54	2.32	260.00	S	SHL	41	75
58560.	22630.	2.65	0.92	3.82	1.54	2.32	260.00	S	SHL	42	75
58580.	22630.	3.18	1.10	3.82	1.54	2.32	260.00	S	SHL	43	75
58440.	22970.	0.51	0.18	4.42	0.61	4.28	260.00	S	SHL	44	75
58460.	22970.	0.51	0.18	4.42	0.61	4.28	260.00	S	SHL	45	75
58100.	25700.	2.65	0.92	3.82	1.54	2.32	260.00	S	SHL	47	75
64240.	18550.	2.65	0.92	3.82	1.54	2.32	260.00	S	SHL	48	75
64220.	18550.	2.65	0.92	3.82	1.54	2.32	260.00	S	SHL	49	75
64200.	18550.	2.65	0.92	3.82	1.54	2.32	260.00	S	SHL	50	75
65120.	18350.	1.97	0.68	3.82	1.54	2.32	260.00	S	SHL	51	75
65140.	18350.	1.97	0.68	3.82	1.54	2.32	260.00	S	SHL	52	75
64900.	19320.	7.22	2.12	3.05	1.54	2.32	260.00	S	SHL	53	75
65030.	19320.	0.17	0.05	7.62	0.61	5.73	260.00	S	STD	55	78
65040.	19320.	0.17	0.05	7.62	0.61	4.28	260.00	S	STD	68	78
47630.	33710.	1.22	0.32	5.18	0.91	4.28	260.00	S	STD	69	78
47460.	33790.	4.13	1.07	4.88	1.54	3.81	260.00	S	SUN	1	75
47650.	33710.	1.28	0.33	5.18	0.61	2.32	260.00	S	SUN	2	75
46940.	36190.	1.14	0.29	5.18	0.91	4.28	260.00	S	SUN	3	75
46580.	36460.	4.22	1.07	3.96	1.54	3.81	260.00	S	SUN	4	75
48080.	35900.	4.16	1.07	3.96	1.54	2.32	260.00	S	SUN	5	75
48160.	35920.	1.18	0.30	5.18	0.61	2.32	260.00	S	SUN	7	75
47460.	33770.	4.13	1.07	4.88	1.54	4.28	260.00	S	SUN	8	75
						2.32	260.00	S	SUN	15	75

47470.	33790.	4.13	1.07	4.88	1.54	2.32	260.00	S	SUN	16	75
46690.	36460.	4.22	1.07	3.96	1.54	2.32	260.00	S	SUN	17	75
48100.	35900.	1.97	0.50	7.62	0.91	3.28	260.00	S	SUN	18	78
47630.	33690.	1.22	0.32	5.18	0.91	3.81	260.00	S	SUN	19	75
47650.	33690.	1.22	0.32	5.18	0.91	3.81	260.00	S	SUN	20	75
47670.	33700.	0.61	0.16	5.18	0.61	4.28	260.00	S	SUN	21	75
46940.	36230.	1.14	0.29	5.18	0.91	3.81	260.00	S	SUN	22	75
46940.	36250.	0.57	0.15	5.18	0.61	4.28	260.00	S	SUN	23	75
46690.	36470.	4.13	1.07	4.88	1.54	2.32	260.00	S	SUN	25	75
48120.	35900.	1.25	0.32	5.18	0.91	3.81	260.00	S	SUN	26	75
62200.	20530.	3.05	1.06	3.96	1.54	2.32	260.00	S	TAN	1	75
61000.	21400.	1.50	0.52	7.62	0.91	3.81	260.00	S	TAN	2	75
62060.	21400.	1.50	0.52	7.62	0.91	3.81	260.00	S	TAN	3	75
62050.	21400.	0.76	0.26	7.62	0.61	4.28	260.00	S	TAN	4	75
49950.	32020.	1.89	0.59	3.96	1.54	2.32	260.00	S	TEX	1N074	
70600.	14780.	3.23	0.88	3.05	1.54	2.32	260.00	S	TEX	5N076	
67130.	20800.	0.76	0.26	7.62	0.61	2.32	260.00	S	THE	1	75
58800.	22820.	2.81	0.89	3.05	1.54	2.32	260.00	S	TNC	1	75
58820.	22820.	2.81	0.89	3.66	1.54	2.32	260.00	S	TNC	2	75
58800.	22800.	6.94	2.21	4.57	1.54	5.73	260.00	S	TNC	3	75
59100.	22900.	2.57	0.89	4.57	1.54	2.32	260.00	S	TNC	5	74
58000.	24400.	2.57	0.89	3.05	1.54	2.32	260.00	S	TNC	7	75
58020.	24400.	2.57	0.89	4.57	1.54	2.32	260.00	S	TNC	8	75
47100.	34250.	2.57	0.89	4.57	1.54	2.32	260.00	S	TNC	10	75
47110.	34250.	2.57	0.89	4.57	1.54	2.32	260.00	S	TNC	11	75
47120.	34250.	2.57	0.89	4.57	1.54	2.32	260.00	S	TNC	12	75
47130.	34250.	2.57	0.89	4.57	1.54	2.32	260.00	S	TNC	13	75
47150.	34250.	6.36	2.21	9.14	1.54	5.73	260.00	S	TNC	14	75
74820.	13680.	3.63	0.89	3.05	1.54	2.32	260.00	S	TNC	15	75
74820.	13660.	3.63	0.89	3.05	1.54	2.32	260.00	S	TNC	16	75
74840.	13680.	3.63	0.89	3.05	1.54	2.32	260.00	S	TNC	17	75
74860.	13680.	3.63	0.89	3.05	1.54	2.32	260.00	S	TNC	18	75
74860.	13660.	8.96	2.21	4.57	1.54	5.73	260.00	S	TNC	19	75
48070.	35240.	8.96	2.21	5.49	1.54	5.73	260.00	S	TNC	20	75
45360.	36840.	4.80	1.08	3.66	1.54	2.32	260.00	S	UNI	1	75
		4.80	1.08	4.27	1.54	2.32	260.00	S	UNI	3	75

47540.	37640.	1.08	5.18	1.54	2.32	260.00	S	UNI	4	75
47950.	35490.	1.08	5.18	1.54	2.32	260.00	S	UNI	5	75
47520.	37640.	1.08	4.27	1.54	2.32	260.00	S	UNI	7	75
45370.	36820.	1.08	5.18	1.54	2.32	260.00	S	UNI	8	75
49390.	34580.	1.08	4.27	1.54	2.32	260.00	S	UNI	9	75
45380.	36820.	2.25	5.79	1.54	5.73	260.00	S	UNI	12	75
45390.	36820.	2.25	5.18	1.54	2.32	260.00	S	UNI	13	75
47970.	35470.	2.25	5.79	1.54	5.73	260.00	S	UNI	14	75
45280.	36820.	2.25	5.79	1.54	5.73	260.00	S	UNI	15	75
45400.	35730.	1.12	3.66	1.54	2.32	260.00	S	VCT	1	75
45500.	35880.	1.12	3.66	1.54	2.32	260.00	S	VCT	3	75
45480.	35880.	1.12	3.66	1.54	2.32	260.00	S	VCT	4	75
45490.	35800.	0.09	7.62	0.61	4.28	260.00	S	VIC	11	75
45470.	35800.	0.09	7.62	0.61	4.28	260.00	S	VIC	12	75
45430.	36060.	0.12	7.62	0.61	4.28	260.00	S	VIC	13	75
45380.	36060.	0.12	7.62	0.61	4.28	260.00	S	VIC	14	75
44820.	36350.	0.06	7.62	0.61	4.28	260.00	S	VIC	15	75

Appendix F

WESTERN KERN COUNTY FUTURE-CASE
SOURCE INVENTORY (SOUTH PORTION)

x-coor.	y-coor.	emission rate (g/s)	stack height (m)	stack diam. (m)	exit vel. (m/s)	temp. (°C)	SAI
		SO ₂	TSP				I.D.
50900.	31120.	0.30	0.08	7.62	4.28	260.00	S ALF 601 78
43600.	37900.	0.21	0.85	3.96	2.32	60.00	S ARC 19 78
43600.	37920.	0.21	0.85	3.96	2.32	60.00	S ARC 25 78
43600.	37940.	0.21	0.85	3.96	2.32	60.00	S ARC 26 78
43600.	37960.	0.49	1.99	3.05	5.73	60.00	S ARC 501 78
50400.	34500.	0.21	0.85	3.96	2.32	60.00	S ARC 502 78
62000.	20730.	1.36	0.42	3.66	2.32	260.00	S BHC 1 75
62000.	20730.	3.33	1.01	3.96	2.32	260.00	S BHC 17 75
47480.	35690.	3.99	0.96	3.96	2.32	260.00	S CWO 3 64
47170.	35150.	3.99	0.96	3.96	2.32	260.00	S CWO 5 67
45550.	35380.	3.99	0.96	3.96	2.32	260.00	S CWO 9 64
46370.	34030.	3.99	0.96	3.96	2.32	260.00	S CWO 10 64
46500.	35310.	3.99	0.96	3.96	2.32	260.00	S CWO 11 65
47470.	35700.	3.99	0.96	3.96	2.32	260.00	S CWO 12 64
47470.	35710.	3.99	0.96	3.96	2.32	260.00	S CWO 16 65
47600.	34480.	3.99	0.96	3.96	2.32	260.00	S CWO 19 65
47600.	34490.	3.99	0.96	3.96	2.32	260.00	S CWO 22 66
47610.	34480.	3.99	0.96	3.96	2.32	260.00	S CWO 23 66
47620.	34490.	3.99	0.96	3.96	2.32	260.00	S CWO 25 67
46500.	35300.	3.99	0.96	3.96	2.32	260.00	S CWO 26 67
47620.	34480.	3.99	0.96	3.96	2.32	260.00	S CWO 27 67
47730.	33460.	3.99	0.96	3.96	2.32	260.00	S CWO 29 67
47630.	34490.	3.99	0.96	3.96	2.32	260.00	S CWO 32 68
47470.	35690.	9.87	2.39	3.05	5.73	260.00	S CWO 34 68
55120.	26110.	3.06	0.96	3.96	2.32	260.00	S CWO 35 66
45540.	35380.	3.99	0.96	3.96	2.32	260.00	S CWO 37 68
47470.	35700.	9.87	2.39	3.05	5.73	260.00	S CWO 38 68
50320.	31240.	3.98	0.96	3.96	2.32	260.00	S CWO 40 66
46490.	35320.	9.87	2.39	3.05	5.73	260.00	S CWO 41 66
46500.	35320.	9.87	2.39	3.05	5.73	260.00	S CWO 42 66
46520.	34150.	9.87	2.39	3.05	5.73	260.00	S CWO 43 66
50320.	31260.	9.87	2.39	3.05	5.73	260.00	S CWO 48 68
47190.	35150.	1.71	0.42	7.62	3.81	260.00	S CWO 107 66

55000.	28500.	2.35	0.56	7.62	0.91	3.81	260.00	S	CWO	501	78
55000.	28520.	2.35	0.56	7.62	0.91	3.81	260.00	S	CWO	502	78
55000.	28540.	2.35	0.56	7.62	0.91	3.81	260.00	S	CWO	503	78
55020.	28500.	2.35	0.56	7.62	0.91	3.81	260.00	S	CWO	504	78
51950.	29800.	9.87	2.39	3.05	1.54	5.73	260.00	S	CWO	505	78
51950.	29820.	3.99	0.97	3.05	1.54	2.32	260.00	S	CWO	506	78
52200.	28600.	9.87	2.39	3.05	1.54	5.73	260.00	S	CWO	507	78
52200.	28620.	3.99	0.97	3.96	1.54	2.32	260.00	S	CWO	508	78
47270.	34980.	2.49	0.61	7.62	0.91	3.81	260.00	S	CWO	603	66
55020.	28520.	2.35	0.56	7.62	0.91	3.81	260.00	S	CWO	605	78
47270.	34970.	1.25	0.30	7.62	0.61	4.28	260.00	S	CWO	606	65
47270.	34960.	2.49	0.61	7.62	0.91	3.81	260.00	S	CWO	607	65
47270.	34950.	2.91	0.71	3.96	1.54	2.32	260.00	S	CWO	610	69
47270.	34940.	2.49	0.61	7.62	0.91	3.81	260.00	S	CWO	613	66
47280.	34980.	2.49	0.61	7.62	0.91	3.81	260.00	S	CWO	614	66
47280.	34970.	2.49	0.61	7.62	0.91	3.81	260.00	S	CWO	615	66
47280.	34960.	4.24	1.03	3.96	1.54	2.32	260.00	S	CWO	616	66
47280.	34950.	4.24	1.03	3.96	1.54	2.32	260.00	S	CWO	617	67
47280.	34940.	4.24	1.03	3.96	1.54	2.32	260.00	S	CWO	618	67
54440.	28500.	1.91	0.61	7.62	0.91	3.81	260.00	S	CWO	630	67
46600.	34600.	5.17	12.50	15.24	2.27	6.40	60.00	S	CWO	G22A78	
46630.	34630.	5.17	12.50	15.24	2.27	6.40	60.00	S	CWO	G22B78	
46660.	34660.	6.15	14.90	15.24	2.48	6.40	60.00	S	CWO	G22C78	
46690.	34690.	6.15	14.90	15.24	2.48	6.40	60.00	S	CWO	G22D78	
46710.	34710.	7.14	17.28	15.24	2.67	6.40	60.00	S	CWO	G22E78	
52650.	28200.	5.33	12.94	15.24	2.30	6.40	60.00	S	CWO	G8A	78
52670.	28220.	5.33	12.94	15.24	2.30	6.40	60.00	S	CWO	G8B	78
52650.	28220.	5.33	12.94	15.24	2.30	6.40	60.00	S	CWO	G8C	78
52670.	28200.	5.33	12.94	15.24	2.30	6.40	60.00	S	CWO	G8D	78
46480.	37280.	0.91	0.32	6.10	0.91	3.81	260.00	S	CHA	1	75
66770.	15450.	1.95	0.63	6.10	1.54	2.32	260.00	S	CHA	4	75
69120.	15450.	2.03	0.63	6.10	1.54	2.32	260.00	S	CHA	5	75
69140.	15450.	2.03	0.63	6.10	1.54	2.32	260.00	S	CHA	6	75
66790.	15450.	0.10	0.96	7.62	0.91	3.81	260.00	S	CHA	8	75
45400.	38500.	2.03	0.92	6.10	1.54	2.32	260.00	S	CHA	601	78
45420.	38500.	1.04	0.22	7.62	0.61	4.28	260.00	S	CHA	602	78

48800.	34000.	2.92	1.25	3.96	1.54	2.32	260.00	S	CFB	601	78
45220.	36790.	2.06	0.73	7.62	0.91	3.81	260.00	S	EXE	601	78
47140.	36140.	3.48	10.79	15.24	2.18	6.40	60.00	S	GET	015	78
56800.	25250.	2.89	8.98	15.24	1.99	6.40	60.00	S	GET	022	78
43000.	34200.	1.74	5.40	15.24	1.54	6.40	60.00	S	GET	026	78
47000.	41900.	1.45	4.49	15.24	1.40	6.40	60.00	S	GET	034	78
43800.	32600.	2.76	8.55	15.24	1.94	6.40	60.00	S	GET	035	78
47940.	43000.	2.92	0.90	3.66	1.54	2.32	260.00	S	GET	36	75
47020.	41880.	2.92	0.90	3.66	1.54	2.32	260.00	S	GET	38	75
47040.	31300.	2.92	0.90	3.66	1.54	2.32	260.00	S	GET	39	75
47040.	41860.	2.92	0.90	3.66	1.54	2.32	260.00	S	GET	40	75
48000.	40300.	2.92	0.90	3.66	1.54	2.32	260.00	S	GET	43	75
56980.	25250.	2.92	0.90	3.66	1.54	2.32	260.00	S	GET	60	75
49500.	32900.	0.44	3.27	5.64	1.54	5.73	60.00	S	GLF	6	78
49150.	34300.	0.59	2.21	3.05	1.54	5.73	60.00	S	GAO	3	78
49150.	34320.	1.02	0.36	7.62	0.61	4.28	260.00	S	GAO	6	78
49150.	34340.	0.26	0.08	7.62	0.61	4.28	260.00	S	GAO	501	78
54680.	26700.	8.17	3.81	5.62	1.54	5.73	260.00	S	GAO	601	78
54660.	26700.	1.00	0.46	7.62	0.61	4.28	260.00	S	GAO	602	78
54680.	26680.	1.00	0.46	7.62	0.61	4.28	260.00	S	GAO	603	78
54660.	26680.	3.32	1.55	4.45	1.54	2.32	260.00	S	GAO	604	78
48200.	37100.	0.72	0.25	7.62	0.61	4.28	260.00	S	MOB	44	76
48200.	37120.	0.71	0.25	7.62	0.91	3.81	260.00	S	MOB	45	76
48230.	37120.	1.42	0.51	7.62	0.91	3.81	260.00	S	MOB	46	76
48090.	37270.	2.86	1.01	3.86	3.96	2.32	260.00	S	MOB	47	76
48090.	37280.	2.86	1.01	3.86	3.96	2.32	260.00	S	MOB	48	76
48090.	37290.	2.86	1.01	3.86	3.96	2.32	260.00	S	MOB	49	76
48010.	36550.	2.27	0.51	7.62	0.91	3.81	260.00	S	MOB	50	76
48010.	36560.	2.27	0.51	7.62	0.91	3.81	260.00	S	MOB	51	76
48020.	36550.	4.55	1.01	3.86	1.46	2.32	260.00	S	MOB	52	76
48020.	36560.	4.55	1.01	3.86	1.46	2.32	260.00	S	MOB	53	76
46720.	36320.	1.76	0.51	7.62	0.91	3.81	260.00	S	MOB	56	76
46720.	36330.	1.76	0.51	7.62	0.91	3.81	260.00	S	MOB	57	76
46730.	36320.	1.76	0.51	7.62	0.91	3.81	260.00	S	MOB	58	76
46730.	36330.	3.52	1.01	3.86	1.46	2.32	260.00	S	MOB	59	76
46340.	37250.	0.21	0.73	7.62	0.91	3.81	60.00	S	MOB	62	78

46360.	37250.	0.42	1.47	3.86	1.46	2.32	60.00	S	MOB 63	78
58390.	34750.	0.29	0.73	7.62	0.91	3.81	60.00	S	MOB 66	78
58410.	34750.	0.46	1.47	3.86	1.46	2.32	60.00	S	MOB 67	78
48390.	32990.	2.44	0.51	3.86	0.91	3.81	60.00	S	MOB 68	76
48420.	33030.	4.88	1.01	3.86	1.46	2.32	260.00	S	MOB 69	76
68280.	15440.	0.18	0.73	7.62	0.91	3.81	60.00	S	MOB 70	78
68300.	15440.	0.36	1.47	3.86	1.46	2.32	60.00	S	MOB 71	78
66740.	16390.	0.18	0.73	7.62	0.91	3.81	60.00	S	MOB 72	78
66760.	16390.	0.36	1.47	3.86	1.46	2.32	60.00	S	MOB 73	78
59300.	23540.	1.66	0.51	7.62	0.91	3.81	260.00	S	MOB 76	76
59320.	23540.	3.05	1.01	3.86	1.46	2.32	260.00	S	MOB 77	76
64040.	20920.	1.52	0.51	7.62	0.91	3.81	260.00	S	MOB 78	76
64060.	20920.	1.52	0.51	7.62	0.91	3.81	260.00	S	MOB 79	76
64080.	20920.	3.05	1.01	3.86	1.46	2.32	260.00	S	MOB 80	76
62830.	20900.	3.05	1.01	3.86	1.46	2.32	260.00	S	MOB 81	76
62850.	20900.	3.05	1.01	3.86	1.46	2.32	260.00	S	MOB 82	76
66680.	15500.	3.05	1.01	3.86	1.46	2.32	260.00	S	MOB 84	76
50100.	36540.	0.52	0.13	3.96	1.54	2.32	260.00	S	MOB 103	75
50300.	36540.	0.52	0.13	3.96	1.54	2.32	260.00	S	MOB 104	75
58350.	27750.	0.27	0.08	7.62	0.61	4.28	260.00	S	MOB 105	75
58550.	27750.	0.27	0.08	7.62	0.61	4.28	260.00	S	MOB 106	75
46740.	36320.	3.52	1.01	3.86	1.46	2.32	260.00	S	MOB 107	75
59800.	23900.	0.79	2.39	4.87	2.66	5.73	60.00	S	MOB 501	78
45700.	36300.	0.32	0.97	3.86	1.46	2.32	60.00	S	MOB 503	78
45700.	36320.	1.05	0.32	7.62	0.91	3.81	60.00	S	MOB 504	78
45700.	36340.	0.32	0.97	3.86	1.46	2.32	60.00	S	MOB 511	78
17472.	25320.	0.88	2.89	5.49	1.33	1.90	60.00	S	SHL 3	78
17528.	25320.	0.88	2.89	5.49	1.33	1.90	60.00	S	SHL 4	78
46620.	34710.	1.97	0.64	3.83	1.54	2.32	260.00	S	SHL 14	75
46620.	34700.	1.97	0.64	3.83	1.54	2.32	260.00	S	SHL 15	75
46570.	34960.	6.87	2.27	5.79	1.54	5.73	260.00	S	SHL 18	75
46570.	34950.	6.87	2.27	5.79	1.54	5.73	260.00	S	SHL 19	75
46530.	34700.	6.87	2.27	5.79	1.54	5.73	260.00	S	SHL 20	75
46530.	34690.	6.87	2.27	5.79	1.54	5.73	260.00	S	SHL 21	75
46330.	34600.	6.87	2.27	5.54	1.54	5.73	260.00	S	SHL 22	75
46330.	34590.	6.87	2.27	5.54	1.54	5.73	260.00	S	SHL 23	75

46640.	34420.	6.87	2.27	5.54	1.54	5.73	260.00	S	SHL	24	75
46640.	34410.	6.87	2.27	5.54	1.54	5.73	260.00	S	SHL	25	75
46040.	34870.	1.97	0.64	3.82	1.54	2.32	260.00	S	SHL	28	75
46040.	34880.	1.97	0.64	3.82	1.54	2.32	260.00	S	SHL	29	75
46040.	34890.	2.35	0.77	3.82	1.54	2.32	260.00	S	SHL	30	75
45750.	34620.	2.07	0.68	3.82	1.54	2.32	260.00	S	SHL	31	75
45760.	34620.	2.07	0.68	3.82	1.54	2.32	260.00	S	SHL	32	75
45770.	34620.	2.07	0.68	3.82	1.54	2.32	260.00	S	SHL	33	75
45780.	34620.	2.07	0.68	3.82	1.54	2.32	260.00	S	SHL	34	75
45790.	34620.	2.07	0.68	3.82	1.54	2.32	260.00	S	SHL	35	75
45800.	34620.	2.07	0.68	3.82	1.54	2.32	260.00	S	SHL	36	75
46040.	36210.	1.97	0.64	3.82	1.54	2.32	260.00	S	SHL	37	75
46040.	36220.	1.97	0.64	3.82	1.54	2.32	260.00	S	SHL	38	75
46040.	36230.	1.97	0.64	3.82	1.54	2.32	260.00	S	SHL	39	75
58560.	22650.	2.65	0.88	3.82	1.54	2.32	260.00	S	SHL	40	75
58580.	22650.	2.65	0.88	3.82	1.54	2.32	260.00	S	SHL	41	75
58560.	22630.	2.65	0.88	3.82	1.54	2.32	260.00	S	SHL	42	75
58580.	22630.	3.18	1.05	3.82	1.54	2.32	260.00	S	SHL	43	75
58440.	22970.	0.51	0.17	4.42	0.61	4.28	260.00	S	SHL	44	75
58460.	22970.	0.51	0.17	4.42	0.61	4.28	260.00	S	SHL	45	75
58100.	25700.	2.65	0.88	3.82	1.54	2.32	260.00	S	SHL	47	75
64240.	18550.	2.65	0.88	3.82	1.54	2.32	260.00	S	SHL	48	75
64220.	18550.	2.65	0.88	3.82	1.54	2.32	260.00	S	SHL	49	75
64200.	18550.	2.65	0.88	3.82	1.54	2.32	260.00	S	SHL	50	75
65120.	18350.	1.97	0.64	3.82	1.54	2.32	260.00	S	SHL	51	75
65140.	18350.	1.97	0.64	3.82	1.54	2.32	260.00	S	SHL	52	75
46430.	34510.	2.35	0.77	3.82	1.54	2.32	260.00	S	SHL	53	75
46430.	34520.	2.35	0.77	3.82	1.54	2.32	260.00	S	SHL	54	75
65000.	19300.	7.22	2.12	3.05	1.54	5.73	260.00	S	STD	35	78
64970.	19370.	0.28	0.86	3.96	1.54	2.32	60.00	S	STD	501	78
63440.	19230.	0.28	0.86	3.96	1.54	2.32	60.00	S	STD	502	78
63440.	19250.	0.28	0.86	3.96	1.54	2.32	60.00	S	STD	503	78
63440.	19270.	0.28	0.86	3.96	1.54	2.32	60.00	S	STD	504	78
69800.	18400.	0.42	0.12	4.88	0.61	4.28	260.00	S	STD	601	78
69820.	18420.	0.42	0.12	4.88	0.61	4.28	260.00	S	STD	602	78
69800.	18420.	7.22	2.12	3.05	1.54	5.73	260.00	S	STD	603	78

Appendix G
NONGENERATOR SOURCE INVENTORY

x-coor.	y-coor.	annual SO ₂ rate (g/s)	max SO ₂ rate (g/s)	stack height (m)	stack diam. (m)	exit vel. (m/s)	temp. (°C)
22150.	-8750.	.33	2.71	16.3	1.2	5.0	491.
22150.	-8750.	.95	7.90	34.7	1.8	8.2	438.
22150.	-8750.	.63	5.27	31.7	.9	6.9	484.
22150.	-8750.	.30	2.53	29.0	.9	4.0	469.
22150.	-8750.	.48	4.01	13.7	.9	7.0	450.
22150.	-8750.	.23	1.90	18.9	.9	5.1	671.
22150.	-8750.	.20	1.66	7.3	.6	5.1	671.
22150.	-8750.	.12	.99	9.4	.8	7.9	441.
22150.	-8750.	.08	.65	7.0	.6	7.9	444.
22150.	-8750.	.27	2.25	14.6	1.2	4.0	469.
22150.	-8750.	.14	1.16	13.1	.9	7.9	441.
22150.	-8750.	.09	.78	12.8	.6	7.9	441.
22150.	-8750.	.09	.72	11.6	.6	7.9	441.
22150.	-8750.	.16	1.31	13.1	1.2	7.0	450.
22150.	-8750.	.16	1.31	13.1	1.2	7.0	450.
16080.	4900.	5.93	6.95	27.7	1.3	6.9	484.
16080.	4900.	1.63	1.90	13.1	.9	5.1	671.
16080.	4900.	1.73	2.02	13.1	.9	5.1	671.
10800.	1200.	2.32	2.57	21.6	1.1	5.0	491.
10800.	1200.	.52	.57	13.1	1.2	7.0	450.
6600.	-200.	.02	.02	10.4	.7	7.9	444.
10780.	2530.	3.35	3.35	21.6	1.1	5.0	491.
10780.	2530.	14.9	14.9	35.1	2.0	8.9	624.
10780.	2530.	.62	.62	10.4	.7	7.9	444.
10780.	2530.	1.56	1.56	13.1	.9	5.1	671.
10780.	2530.	1.86	1.86	13.1	.9	5.1	671.
10780.	2530.	3.97	3.97	23.3	1.2	7.7	261.
10780.	2530.	.56	.56	10.4	.7	7.9	444.
8780.	-200.	.96	.96	17.4	.8	7.9	354.
8780.	-200.	.96	.96	17.4	.8	7.9	332.
8780.	-200.	2.37	2.37	14.6	1.2	4.0	507.
8780.	-200.	2.37	2.37	12.8	1.2	4.0	454.
8780.	-200.	5.62	5.62	33.5	1.5	6.9	387.
8780.	-200.	.73	.73	13.1	.9	7.9	374.
8780.	-200.	.73	.73	12.8	.9	7.9	398.
8780.	-200.	.73	.73	12.5	.6	7.9	436.
8780.	-200.	.37	.37	10.7	.5	7.9	585.
8780.	-200.	.73	.73	6.4	.6	7.9	427.
8780.	-200.	1.39	1.39	11.9	.8	7.9	427.
8780.	-200.	3.37	3.37	24.4	1.4	6.0	454.
8780.	-200.	3.37	3.37	33.5	1.7	6.0	454.
8780.	-200.	3.37	3.37	33.5	1.7	6.0	454.
8780.	-200.	3.37	3.37	18.3	1.4	6.0	454.
14660.	4400.	.23	.32	26.7	1.3	5.3	560.
14660.	4400.	.19	.27	21.6	1.1	5.0	491.
14660.	4400.	.04	.06	10.4	.7	7.9	444.
14660.	4400.	.12	.17	13.1	.9	5.1	671.
14660.	4400.	1.39	1.94	30.5	2.0	11.6	615.
14660.	4400.	.21	.29	26.7	1.3	5.3	560.

14660.4400.	.02	.03	10.4	.7	7.9	444.
14660.4400.	.04	.06	10.4	.7	7.9	444.
14660.4400.	.04	.06	10.4	.7	7.9	444.
8000. -250.	19.4	19.4	35.1	1.8	10.1	643.
8000. -250.	4.3	4.3	29.6	1.1	7.6	660.
8000. -250.	1.8	1.8	15.2	.6	7.9	649.
8000. -250.	11.7	11.7	19.8	1.2	7.6	727.
8000. -250.	5.7	5.7	18.3	1.0	4.6	627.
8000. -250.	5.1	5.1	19.5	.9	6.1	699.
8000. -250.	4.1	4.1	9.1	.9	4.3	682.
8000. -250.	49.5	49.5	25.9	2.6	5.8	643.
8000. -250.	5.8	5.8	25.9	1.0	3.0	377.
8000. -250.	6.2	6.2	19.5	1.1	3.7	521.
8000. -250.	5.9	5.9	19.5	1.1	3.4	521.
8000. -250.	6.3	6.3	27.7	1.1	5.5	277.
8000. -250.	6.3	6.3	27.7	1.1	5.5	301.
8000. -250.	4.1	4.1	15.2	1.0	5.5	643.
8000. -250.	4.8	4.8	15.2	1.0	5.5	688.
8000. -250.	9.6	9.6	23.8	1.4	3.0	460.
8000. -250.	7.5	7.5	24.4	1.1	5.5	471.
8000. -250.	13.9	13.9	25.9	1.5	6.1	338.
8000. -250.	29.6	29.6	35.1	2.1	8.2	438.
8000. -250.	6.2	6.2	27.4	1.2	7.0	312.
8000. -250.	6.2	6.2	21.3	1.2	7.9	232.
8000. -250.	6.2	6.2	21.3	1.2	8.2	238.
8000. -250.	17.0	17.0	30.5	2.0	11.6	615.
8000. -250.	37.0	37.0	30.5	1.4	23.5	399.
8000. -250.	34.4	34.4	35.1	2.1	7.6	604.
8000. -250.	1.5	1.5	19.8	.9	2.4	460.
8000. -250.	4.7	4.7	25.9	1.0	7.0	543.
5900. 380.	5.1	4.9	61.0	1.7	14.0	232.

Appendix H

ORIGINAL JOINT-FREQUENCY DISTRIBUTION
FOR THE KERN RIVER FIELD-MONITORING SITE

.000134	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	.000268	0.000000	0.000000	0.000000	0.000000
.000402	.000402	0.000000	0.000000	0.000000	0.000000
.000402	.000402	.000134	0.000000	0.000000	0.000000
.000938	.000938	.000134	.000134	0.000000	0.000000
.000402	.002545	.000402	.000134	0.000000	0.000000
.000804	.004689	.000536	0.000000	0.000000	0.000000
.000804	.004956	.000402	.000402	0.000000	0.000000
.000134	.006832	.003885	.000670	0.000000	0.000000
.000402	.005090	.006430	.003215	0.000000	0.000000
.000134	.002411	.002545	.002411	.000134	0.000000
.000134	.001206	.001206	.002813	.000268	0.000000
0.000000	.000402	.000804	.000938	.000134	0.000000
.000402	.000134	.000268	0.000000	0.000000	0.000000
0.000000	.000134	.000268	.000134	0.000000	0.000000
0.000000	.000268	0.000000	0.000000	0.000000	0.000000
.000134	.000402	0.000000	0.000000	.000134	0.000000
.000134	.000134	0.000000	.000134	0.000000	0.000000
.000268	.000268	0.000000	.000134	0.000000	0.000000
.000402	.000670	.000134	0.000000	0.000000	0.000000
.000402	.001741	.000268	0.000000	0.000000	.000134
.001206	.002679	.001608	.000268	0.000000	0.000000
.000938	.005358	.000938	.000134	.000134	0.000000
.000402	.003349	.001340	0.000000	0.000000	0.000000
.000134	.002679	.002813	.000804	0.000000	0.000000
.000268	.002679	.006430	.006028	.000670	0.000000
0.000000	.000804	.002143	.007100	.000938	0.000000
.000134	.000536	.002143	.006832	.001072	0.000000
.000134	.000938	.000402	.002947	.000938	0.000000
.000134	.000134	0.000000	.000670	0.000000	0.000000
.000134	0.000000	.000402	0.000000	.000134	0.000000
0.000000	.000536	.000134	.000268	0.000000	0.000000
.000268	.000536	.000134	0.000000	0.000000	0.000000
.000670	.000804	.000268	.000402	0.000000	.000134
.000536	.000938	.000268	.000134	0.000000	0.000000
.000938	.002143	.000536	.000134	.000134	.000804
.000268	.002411	.001741	.000402	0.000000	.000536
.000938	.004287	.002813	.000402	0.000000	.000268
.000536	.003885	.001474	0.000000	0.000000	0.000000
.000402	.004421	.001741	.000268	0.000000	0.000000
.000402	.004287	.003617	.001608	.000134	.000134
.000268	.004555	.004823	.009377	.002545	.000268
.000268	.001340	.002143	.010583	.002947	0.000000
.000134	.000804	.001474	.019156	.006698	.000536
.000134	.000536	.000536	.007502	.003751	.001875
.000268	.000670	.000268	.000804	.001340	.001072
.001741	.001206	.001608	.000670	.000536	.000804
.002679	.004153	.001072	.000536	.000134	0.000000
.003751	.010047	.002009	.000402	0.000000	0.000000
.007234	.021567	.007234	.002277	0.000000	0.000000

.004019	.010315	.002679	.001206	0.000000	.000402
.003349	.009377	.002679	.000536	0.000000	.002679
.003483	.008707	.002009	.000536	0.000000	.000134
.002143	.006296	.003081	.000938	0.000000	.000134
.001741	.005224	.002411	.000268	.000134	0.000000
.001741	.006430	.003215	.002009	.000268	.000134
.000938	.004823	.005626	.003751	.000134	.000134
.000804	.006430	.009109	.013664	.004823	.000134
.001206	.002411	.004956	.012860	.004287	.000804
.001072	.002411	.004689	.032016	.013798	.004421
.001875	.002009	.002947	.018620	.009645	.003885
.001474	.002143	.001608	.007234	.004689	.002679
.002545	.004689	.002143	.002009	.000670	.000134
.003081	.006698	.002143	.001741	.000134	0.000000
.003215	.009913	.003885	.000402	0.000000	0.000000
.004153	.012190	.003215	.000670	0.000000	0.000000
.002411	.004823	.001474	.000268	0.000000	.000670
.002277	.003483	.000536	.000134	0.000000	.001608
.000804	.002277	.000268	0.000000	0.000000	0.000000
.001474	.002947	.000134	0.000000	.000268	0.000000
.001608	.000670	.000134	0.000000	0.000000	0.000000
.000670	.000938	.000134	0.000000	0.000000	0.000000
.001608	.001741	.000670	.000402	.000134	0.000000
.000402	.002679	.000536	.000938	.000134	0.000000
.001072	.002277	.001340	.000938	.000536	0.000000
.000670	.002277	.002545	.003081	.002545	.001741
.002411	.003617	.002545	.004555	.004019	.004153
.002947	.004689	.002813	.005626	.004421	.003483
.001741	.002679	.001608	.002679	.000938	.001072
.003215	.009779	.002411	.001608	.000268	0.000000
.005224	.019960	.008439	.001741	.000134	0.000000
.004555	.027997	.007636	.001474	0.000000	0.000000
.002411	.007100	.002679	.000268	0.000000	0.000000
.001072	.002143	.000670	.000134	0.000000	0.000000
.000938	.000670	.000536	0.000000	0.000000	0.000000
.001340	.001608	.000268	0.000000	0.000000	0.000000
.000804	.000536	.000134	0.000000	0.000000	0.000000
.000268	.000804	.000134	.000134	.000134	0.000000
.000268	.001340	.000268	.000134	0.000000	0.000000
.000536	.002679	.000938	.000268	0.000000	0.000000
.000938	.002009	.001474	.002143	0.000000	.000134
.000670	.000804	.002411	.005626	.003081	.003483
.001072	.001608	.001741	.008975	.003885	.003349
.000268	.003349	.004019	.009511	.005090	.005224

Appendix I

ALTERED JOINT-FREQUENCY DISTRIBUTION
FOR THE KERN RIVER FIELD-MONITORING SITE

.000476	.000114	.000228	0.000000	0.000000	0.000000
.000060	.000020	.000040	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	.000268	0.000000	0.000000	0.000000	0.000000
.000402	.000402	0.000000	0.000000	0.000000	0.000000
.000402	.000402	.000134	0.000000	0.000000	0.000000
.000938	.000938	.000134	.000134	0.000000	0.000000
.000402	.002545	.000402	.000134	0.000000	0.000000
.000804	.004689	.000536	0.000000	0.000000	0.000000
.000804	.004956	.000402	.000402	0.000000	0.000000
.000134	.006832	.003885	.000670	0.000000	0.000000
.000422	.005331	.006731	.003778	.000060	0.000000
.000248	.003778	.004253	.005599	.000476	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
.000114	.000248	.000268	.000703	0.000000	0.000000
.000020	.000288	0.000000	.000100	0.000000	0.000000
.000134	.000402	0.000000	0.000000	.000134	0.000000
.000134	.000134	0.000000	.000134	0.000000	0.000000
.000268	.000268	0.000000	.000134	0.000000	0.000000
.000402	.000670	.000134	0.000000	0.000000	0.000000
.000402	.001741	.000268	0.000000	0.000000	.000134
.001206	.002679	.001608	.000268	0.000000	0.000000
.000938	.005358	.000938	.000134	.000134	0.000000
.000402	.003349	.001340	0.000000	0.000000	0.000000
.000134	.002679	.002813	.000804	0.000000	0.000000
.000308	.002900	.006812	.007495	.000972	0.000000
.000228	.002057	.004306	.015412	.002646	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
.000362	.000570	.000630	.000683	.001273	.000911
.000040	.000636	.000174	.000389	.000201	.000161
.000268	.000536	.000134	0.000000	0.000000	0.000000
.000670	.000804	.000268	.000402	0.000000	.000134
.000536	.000938	.000268	.000134	0.000000	0.000000
.000938	.002143	.000536	.000134	.000134	.000804
.000268	.002411	.001741	.000402	0.000000	.000536
.000938	.004287	.002813	.000402	0.000000	.000268
.000536	.003885	.001474	0.000000	0.000000	0.000000
.000402	.004421	.001741	.000268	0.000000	0.000000
.000402	.004287	.003617	.001608	.000134	.000134
.000308	.004756	.005124	.013376	.004112	.000630
.000496	.002479	.003851	.033242	.011829	.002049
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
.002994	.003028	.002975	.006819	.004522	.003081
.002900	.004474	.001313	.001621	.000837	.000402
.003751	.010047	.002009	.000402	0.000000	0.000000
.007234	.021567	.007234	.002277	0.000000	0.000000

.004019	.010315	.002679	.001206	0.000000	.000402
.003349	.009377	.002679	.000536	0.000000	.002679
.003483	.008707	.002009	.000536	0.000000	.000134
.002143	.006296	.003081	.000938	0.000000	.000134
.001741	.005224	.002411	.000268	.000134	0.000000
.001741	.006430	.003215	.002009	.000268	.000134
.000938	.004823	.005626	.003751	.000134	.000134
.001246	.007093	.010254	.021259	.008339	.001380
.003711	.006168	.011447	.055901	.024214	.007864
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
.005050	.008675	.004534	.006791	.004428	.003095
.003523	.007401	.002565	.002585	.000797	.000522
.003215	.009913	.003885	.000402	0.000000	0.000000
.004153	.012190	.003215	.000670	0.000000	0.000000
.002411	.004823	.001474	.000268	0.000000	.000670
.002277	.003483	.000536	.000134	0.000000	.001608
.000804	.002277	.000268	0.000000	0.000000	0.000000
.001474	.002947	.000134	0.000000	.000268	0.000000
.001608	.000670	.000134	0.000000	0.000000	0.000000
.000670	.000938	.000134	0.000000	0.000000	0.000000
.001608	.001741	.000670	.000402	.000134	0.000000
.000864	.003563	.001299	.002083	.001119	.000884
.003691	.007287	.005666	.007429	.006115	.005010
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
.001969	.005526	.005024	.010763	.005265	.005512
.003255	.010281	.003014	.003035	.001031	.000784
.005224	.019960	.008439	.001741	.000134	0.000000
.004555	.027997	.007636	.001474	0.000000	0.000000
.002411	.007100	.002679	.000268	0.000000	0.000000
.001072	.002143	.000670	.000134	0.000000	0.000000
.000938	.000670	.000536	0.000000	0.000000	0.000000
.001340	.001608	.000268	0.000000	0.000000	0.000000
.000804	.000536	.000134	0.000000	0.000000	0.000000
.000268	.000804	.000134	.000134	.000134	0.000000
.000268	.001340	.000268	.000134	0.000000	0.000000
.000797	.003041	.001561	.002458	.001045	.001025
.002419	.004059	.005003	.014554	.005921	.005941
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

Appendix J

JOINT-FREQUENCY DISTRIBUTION FOR WESTERN KERN COUNTY
(NORTH PORTION)

.007280	.012670	.002700	0.000000	0.000000	0.000000
.004930	.003870	.000700	0.000000	0.000000	0.000000
.002460	.001290	.000120	.000120	.000120	0.000000
.001170	.000820	0.000000	.000120	0.000000	0.000000
.000590	.000350	.000350	.000230	.000120	0.000000
.000470	.000350	.000120	.000120	.000120	0.000000
.000590	.001290	.000470	.000350	0.000000	0.000000
.001170	.000820	.000590	.000590	0.000000	0.000000
.001880	.002700	.001290	.000820	0.000000	0.000000
.004220	.005990	.002930	.000700	0.000000	0.000000
.006100	.011270	.003870	.000590	.000230	.000120
.007860	.018780	.003640	.002230	.000120	0.000000
.001640	.005160	.002000	.000350	0.000000	0.000000
.002350	.004110	.000820	0.000000	0.000000	0.000000
.002350	.005870	.000590	0.000000	0.000000	0.000000
.002460	.005400	.000700	0.000000	0.000000	0.000000
.002460	.001410	.000230	0.000000	0.000000	0.000000
.000940	.000700	.000590	0.000000	0.000000	0.000000
.000350	.000470	.000230	.000230	0.000000	0.000000
.000230	.000120	.000470	0.000000	0.000000	0.000000
.000350	.000350	0.000000	.000350	0.000000	0.000000
0.000000	.000230	.000230	.000700	.000120	0.000000
.000470	.000470	.000350	.002460	.000120	0.000000
.000470	.000590	.000700	.004460	.000120	0.000000
.000700	.001290	.003400	.002350	0.000000	0.000000
.000700	.000590	.003050	.001640	0.000000	0.000000
.000350	.001760	.002000	.002110	0.000000	0.000000
.001170	.001530	.001060	.000700	0.000000	0.000000
.004580	.004340	.000940	0.000000	0.000000	0.000000
.005160	.003170	.000350	0.000000	0.000000	0.000000
.004810	.004110	0.000000	0.000000	0.000000	0.000000
.008100	.003760	.000590	.000120	0.000000	0.000000
.012090	.007860	.001290	0.000000	0.000000	0.000000
.013380	.010800	.002460	.001170	.000940	.000120
.017490	.016900	.001760	.001060	.000350	.000230
.010210	.017840	.003290	.000940	0.000000	0.000000
.013500	.027700	.013850	.000470	.000120	0.000000
.013380	.028400	.013730	.000940	.000350	0.000000
.018310	.044130	.034030	.002350	.000230	0.000000
.013610	.027460	.020420	.002350	.000230	0.000000
.013610	.019480	.013260	.001060	0.000000	0.000000
.007040	.008570	.003520	.000350	0.000000	0.000000
.006100	.005400	.004460	.000470	0.000000	0.000000
.003640	.005280	.001880	.000230	0.000000	0.000000

Appendix K

JOINT-FREQUENCY DISTRIBUTION FOR WESTERN KERN COUNTY
(SOUTH PORTION)

.017430	.022290	.002020	0.000000	0.000000	0.000000
.005690	.007590	.001190	0.000000	0.000000	0.000000
.003200	.001190	0.000000	.000120	.000120	0.000000
.000710	.000360	.000470	.000120	0.000000	0.000000
.000830	.000120	.000240	.000360	.000120	0.000000
.001190	.000590	.000240	.000120	0.000000	.000470
.001190	.000950	.000240	.000830	.000120	.000120
.001300	.000240	.000590	.000830	.000120	0.000000
.002610	.000950	.001300	.001300	0.000000	0.000000
.001300	.002130	.001660	.000240	0.000000	0.000000
.005330	.010310	.004390	.000590	0.000000	0.000000
.009010	.020510	.008300	.000950	.000120	0.000000
.001190	.005330	.001660	.000120	0.000000	0.000000
.001540	.005220	.000830	0.000000	0.000000	0.000000
.001300	.004860	.000360	0.000000	0.000000	0.000000
.001300	.001540	0.000000	0.000000	0.000000	0.000000
.001420	.002370	.001070	0.000000	0.000000	0.000000
.002250	.002730	.000470	0.000000	0.000000	0.000000
.002370	.000950	.000240	0.000000	0.000000	0.000000
.000590	.000360	.000360	0.000000	0.000000	0.000000
.001070	.000590	.000360	.000240	.000120	0.000000
.000830	.000240	.000120	0.000000	.000360	0.000000
.001190	.000470	.001070	.003200	.000240	0.000000
.001300	.001300	.001540	.002020	.000240	0.000000
.000710	.001420	.001540	.000590	0.000000	0.000000
.001300	.002130	.000950	.000360	0.000000	0.000000
.001300	.002960	.002020	.001420	0.000000	0.000000
.001660	.002020	.002960	.000360	0.000000	0.000000
.003560	.001900	.000240	0.000000	0.000000	0.000000
.003440	.000470	.000240	0.000000	0.000000	0.000000
.003320	.000830	.000120	0.000000	0.000000	0.000000
.002840	.000950	0.000000	0.000000	0.000000	0.000000
.004620	.001900	.000240	.000120	0.000000	0.000000
.007110	.003200	.000710	.000830	.000120	0.000000
.011850	.006050	.001540	.001070	0.000000	0.000000
.011380	.008420	.001660	.000240	.000120	0.000000
.018260	.023710	.007230	.001190	.000710	0.000000
.019440	.051680	.023120	.003320	.000590	0.000000
.020860	.069940	.040070	.003790	.000470	0.000000
.014110	.035210	.020390	.002130	.000120	0.000000
.012800	.027860	.007590	.000590	0.000000	0.000000
.007940	.009600	.002840	.000470	0.000000	0.000000
.006280	.005930	.002730	.000470	0.000000	0.000000
.003440	.002730	.000590	.000120	0.000000	0.000000

Appendix L

CDM INPUT DATA
FOR KERN COUNTY ANNUAL AVERAGE SO₂ COMPUTATIONS

Appendix M

MODIFICATIONS MADE TO THE CDM SOURCE CODE

A discussion of some modifications that were made to the Climatological Dispersion Model (CDM) to make the model more appropriate to the area to which it would be applied appeared in Volume I of this report. The particulars of those modifications are detailed in this Appendix. The modifications were to:

- Allow stable conditions to be treated;
- Increase the number of sources that could be treated by the model;
- Allow the model to accept winds measured at 45.7 m.

The following table lists the subroutine and line number (from the CDM User's Guide) of the statement that was modified, the statement in its original form, and the modified version of the statement or an additional statement. The type of modification the change accomplished (referring to the three types of modifications listed above) is also identified. Statements for which several subroutine names and line numbers are listed appear in each of those subroutines at the line number following the subroutine name.

Table M-1
SUMMARY OF MODIFICATIONS

Subroutine Name (CDM Line Number in Parentheses)	Original CDM Statement	Modified (or New) CDM Statement	Modi
MAIN(20), CALQ(2000), CLINT(5030), BLOCK DATA(7740), AREA(3210), POINT(4070)	COMMON/C1/K,MX,MN,HT,F(6,6,16),C(6,5),U(6),RI,RJ,INC(4),DELR	COMMON/C1/K,MX,MN,HT,F(6,6,16),C(6,6),U(6),RI,RJ,INC(4),DELR	
MAIN(60), CALQ(2040), CLINT(5070), BLOCK DATA(7780), AREA(3250), POINT(4110)	COMMON/C5/Q(100,4),GA(2),IAD(4,5)XGG,YGG,IAS,TDA,TDB,TDC,IPU	COMMON/C5/Q(800,5),GA(2),IAD(4,5),XGG,YGG,IAS,TDA,TDB,TDC,IPU	
MAIN(90), CLINT(5100) BLOCK DATA(7810), POINT(4120)	COMMON/PCQM/PH(200),PR(200),PS(200,4),PX(200),PY(200),FB(200)	COMMON/PCQM/PH(500),PR(500),PS(500,4),PX(500),PY(500),FB(500)	
MAIN(100), CLINT(5110), BLOCK DATA(7820), POINT(4130)	*XX(200),DHF(200),NA(16),WB(16),PROSE(16,2),CV,IPS,RAT,TOA,PBAR(2)	*XX(500),DHF(500),NA(16),WB(16),PROSE(16,2),CV,IPS,RAT,TOA,PBAR(2)	
BLOCK DATA(7850)	*.6869,.865,1.2969,.2527,.0818,.4421,.6341,.8155/	*.6869,.865,1.2969,.2527,.0818,.4421,.6341,.8155,1.5763,.2017, .0545,.3606,.6020,.8124/	
BLOCK DATA(7920)	DATA ICA,ICP/1,1,2,3,4,4,1,2,3,3*4/	DATA ICA,ICP/1,1,2,3,4,4,1,2,3,4,4,6/	
AREA (ADD AFTER 3430), POINT(ADD AFTER 4360)		C 0.0219=1/45.7--FOR USE WITH WINDS MEASURED AT 150) FT	
AREA (3440)	WZ=(Q(IR,3)*0.1)**UE(1S)	WZ=(Q(IR,4)*0.0219)**UE(1S)	
POINT(4370)	WZ=(PH(IP)*0.1)**UE(1S)	WZ=(PH(IP)*0.0219)**UE(1S)	

Table M-1

SUMMARY OF MODIFICATION

Subroutine Name (CDM Line Number in Parentheses)	Original CDM Statement
MAIN(20), CALQ(2000), CLINT(5030), BLOCK DATA(7740), AREA(3210), POINT(4070)	COMMON/C1/K,MX,MN,HT,F(6,6,16),G(6,5),U(6),RI,RJ,INC(4),DELR
MAIN(60), CALQ(2040), CLINT(5070), BLOCK DATA(7780), AREA(3250), POINT(4110)	COMMON/C5/Q(100,4),GA(2),IAD(4,5)XGG,YGG,IAS,TDA,TDB,TDC,IPU
MAIN(90), CLINT(5100) BLOCK DATA(7810), POINT(4120)	COMMON/PCQM/PH(200),PR(200),PS(200,4);PX(200),PY(200),FB(200)
MAIN(100), CLINT(5110), BLOCK DATA(7820), POINT(4130)	*XX(200),DHF(200),WA(16),WB(16),PROSE(16,2),CV,IPS,RAT,TOA,PBAR(2)
BLOCK DATA(7850)	*.6869,.865,1.2969,.2527,.0818,.4421,.6341,.8155/
BLOCK DATA (ADD AFTER 7850)	
BLOCK DATA(7920)	DATA ICA,ICP/1,1,2,3,4,4,1,2,3,3*4/
AREA (ADD AFTER 3430), POINT(ADD AFTER 4360)	
AREA(3440)	WZ=(Q(IR,3)*0.1)**UE(IS)
POINT(4370)	WZ=(PH(IP)*0.1)**UE(IS)

Table M-1

SUMMARY OF MODIFICATIONS

	Modified (or New) CDM Statement	Modification Type
,RJ,INC(4),DELR	COMMON/C1/K,MX,MN,HT,F(6,6,16),G(6,6),U(6),RI,RJ,INC(4),DELR	STABILITY
TDA,TDB,TDC,IPU	COMMON/C5/Q(800,5),GA(2),IAD(4,5),XGG,YGG,IAS,TDA,TDB,TDC,IPU	SOURCES
,PY(200),FB(200)	COMMON/PCOM/PH(500),PR(500),PS(500,4),PX(500),PY(500),FB(500)	SOURCES
V,IPS,RAT,TOA,PBAR(2)	*XX(500),DHF(500),WA(16),WB(16),PROSE(16,2),CV,IPS,RAT,TOA,PBAR(2)	SOURCES
155/	*.6869,.865,1.2969,.2527,.0818,.4421,.6341,.8155,1.5763,.2017,	STABILITY
	.0545,.3606,.6020,.8124/	STABILITY
	DATA ICA,ICP/1,1,2,3,4,4,1,2,3,4,4,6/	STABILITY
	C 0.0219=1/45.7--FOR USE WITH WINDS MEASURED AT 150) FT	WINDS
	WZ=(Q(IR,4)*0.0219)**UE(IS)	WINDS
	WZ=(PH(IP)*0.0219)**UE(IS)	WINDS